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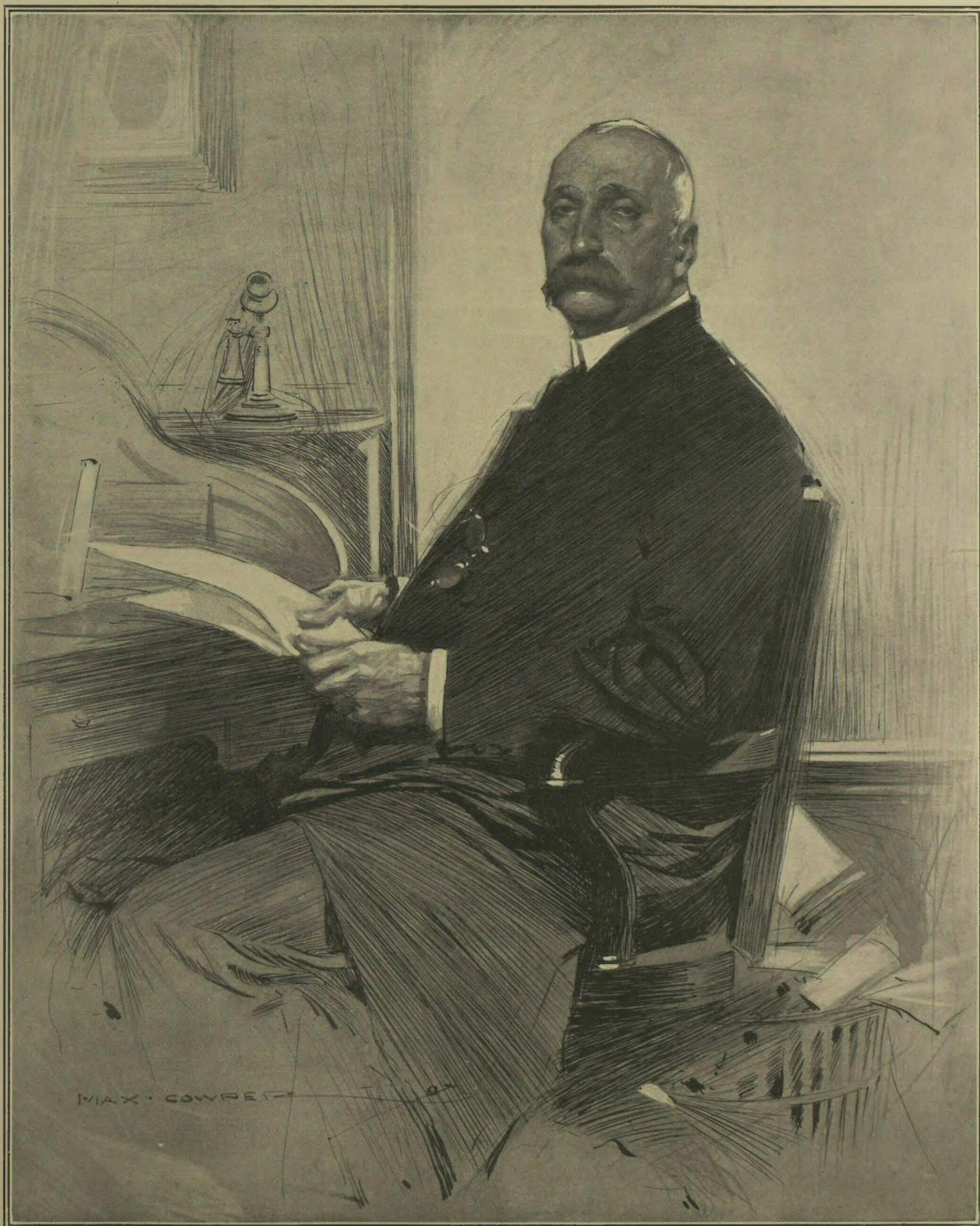
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No. 3575.—VOL. CXXXI

SATURDAY, OCTOBER 26, 1907.

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Can Sea-Sickness be Prevented?

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LEADER OF THE RAILWAY SERVANTS' AGITATION: THE MOST PROMINENT LABOUR CHAMPION
OF THE HOUR, MR. RICHARD BELL, M.P.

Mr. Bell, who is forty-seven, was formerly the guard of a goods train. He is the Secretary of the Amalgamate Society of Railway Servants, the leader of the present agitation against the companies, and sits in Parliament for Derby in the Labour interest. On another page we give the statistics of the forces at Mr. Bell's disposal, and photographs of all the types of railway servants.—[SPECIAL PORTRAIT DRAWN BY MAX COWPER.]

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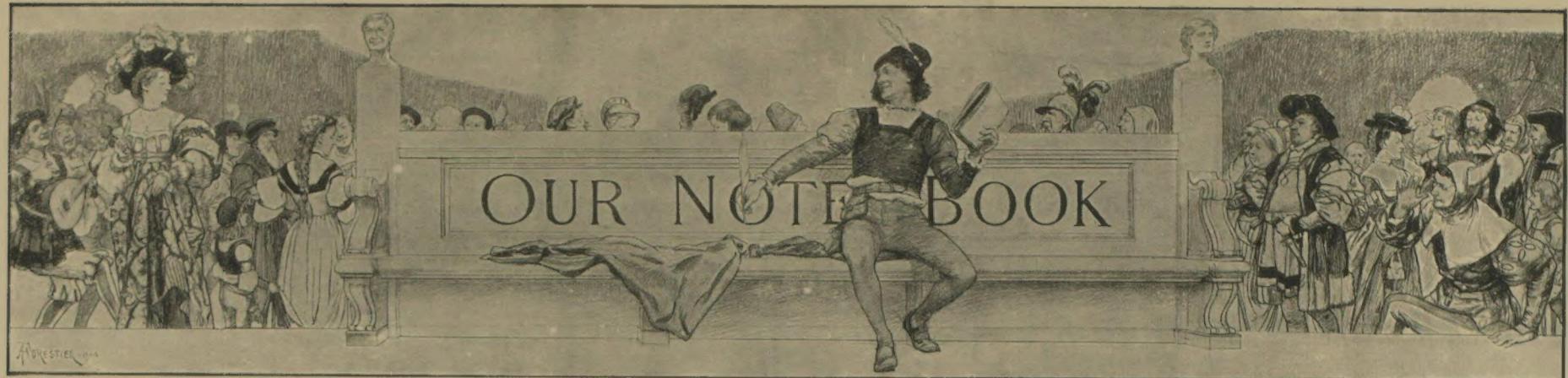
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By G. K. CHESTERTON.

WELL-INFORMED people have been picking out some rather serious blunders in the preliminary pamphlet of the "Harmsworth History of the World." The writer of "Table Talk" in the *Daily News* remarked, with his usual humorous restraint, that "even a writer of universal history might know that Napoleon was never a private soldier." And both he and "Historicus" in the *Nation* note the extravagance of the statement that Napoleon was at the head of a million men. Yet these inaccuracies, I confess, seem to me far less important than the huge inaccuracy in the whole view of history which belongs to the great part of such works. The best historian might make a slip about Bonaparte's rank or put in an extra "o" in the account of his armies; still less is it possible for quite uneducated people to be exact about such things. But even uneducated people may get a general imaginative grasp of history, and get it right. They can hardly know the facts, but they can know the truths. As the case selected is Napoleon, we may take Napoleon. Now the truth about Napoleon is that he was a very bold and able man of liberal views, who found his inspiration in the fact that the first fighting power of Europe had declared war for political justice, and who found his opportunity in the fact that that fighting power required a great fighting general. That is what is broadly true about Napoleon; and what is not true about Napoleon is that he was in any way like the Editor of the *Daily Mail*, that he was a mere individualist or money-maker, a mere schemer by himself and for himself. His success was avowedly through others; to a great extent his success was for others. In comparison with this great distinction between the public warrior and the private adventurer all minor mistakes are even unimportant. It is not essential to insist that Bonaparte was not a private soldier. It is essential to insist that he was a soldier—not a stock-broker or a carpet-bagger or a man merely advertising himself. Of course, the very phrase "private soldier" is a contradiction in terms; every soldier is a public soldier. The only private soldier one can conceive is the brigand. And this is the important truth about Bonaparte, that he was not a brigand. He rose in a public service; that is, he must have risen by patriotism. He rose in a European army; that is, he must have risen by obedience. The same is true in the point about the size of his army. It does not much matter whether they say that Napoleon was supported by a million men as long as they realise that Napoleon was supported by men: by men of an ardour and valour quite as special and extraordinary as his own, and of an ability in many cases not unmistakably inferior. Above all, it would have mattered very little that the writer described Napoleon leading a million men if he had also described Napoleon's enemies as leading a million and a half or two millions. He might comparatively harmlessly describe Napoleon as beginning life as a powder-monkey, so long as he gave the impression that he grew up under orders and under fire. He might describe the French army as twelve billion strong, so long as he gave the true impression that it was one army against five.

So that the mere mistakes in obvious fact will not trouble me very much as they appear from time to time in the "Harmsworth History of the World." They are free to underrate any hero's origin, or to over-rate any muster of men. When they declare that Caxton began life as a printer's devil, or mention the trial of the Seventy Bishops, I shall not be concerned. If they choose to say that Lord Kitchener got his name by starting as assistant to a head cook, it will not trouble me. If they assert that Mr. Balfour entered office in

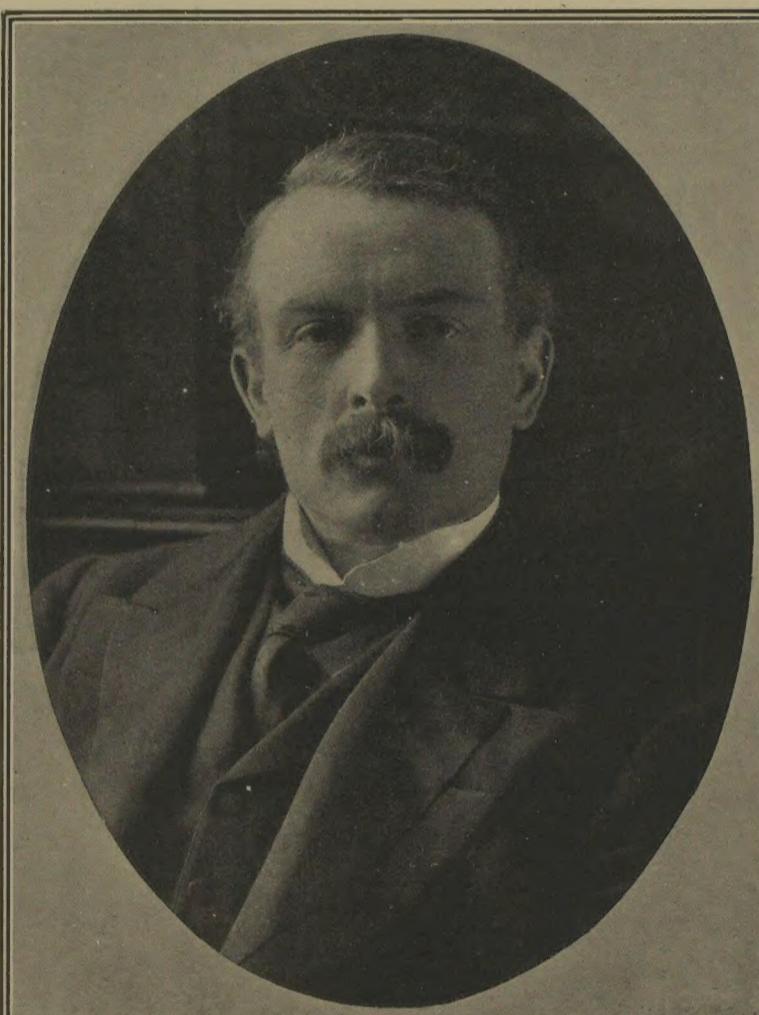
1903 at the head of a million of his cousins, it will not distress or even surprise me. False details, which are most dangerous in books of reference, are of less import in popular histories: for men read books of reference only for the sake of particular details; but they read popular histories for the sake of a general historical impression. And it really is serious if that general historical impression is wrong. And in such books as this it is wrong. If they said that Napoleon was a centaur and marched at the head of a million mermen it could not be more wrong.

The responsibility of any editor or popular writer is a responsibility for a general effect. If I put in print the words, "Mr. Asquith charged with burglary and

altogether in the mild manner in which I have attempted to compose these articles. But I think that the admirers of Mr. Carnegie might think that it made some difference whether the pictures in my book were views of public libraries or whether they entirely consisted of photographs of the corpses of the men shot down at Pittsburg.

I confess that I find the illustrations in such books as "Harmsworth's History of the World" simply indefensible. This first issue of the History is concerned with primitive man. If the whole book had consisted of blank pages it would pretty fairly have represented all we really know about primitive man. There is a great deal of quiet intellectual impudence about writing a history of what happened before history. But if a book is to be concerned with prehistoric human society, let it at least be concerned with what can be proved, and let it be illustrated with the few physical facts that can be found—which are nearly all bones and stones. Instead of this the Harmsworth historian offers to the innocent reader any picture that any man, mad, sane, or indifferent, has ever chosen to draw or paint on the subject of early or barbaric humanity. One of the most prominent pictures, for instance, is one of Cain on his wanderings. He is delicately offered as "primitive man," for fear of disturbing the sensitive feelings of the scientific rationalists, who know nothing about the early earth except that Cain never existed. On this principle I cannot see why there should be any limit to the pictures in the Harmsworth History. Almost anyone with no clothes on would do. But, if the idea is to spread knowledge, we must certainly protest against such pictures. We do not know that primitive man wore no clothes. In fact, we do not know anything at all, except that he had bones and that he chipped stones.

But we have bones and we chip stones; and if a similar period of time passed it would be highly probable in many cases that only stones and bones would remain. The thing that remains is not the thing that matters. If a modern man was buried like a primitive man the centuries would destroy his shirt and leave his shirt-studs. And I suppose that the scientific wiseacres of the future would prove beyond question that the Englishman of the twentieth century wore nothing but a collar-stud.



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acquitted," I am responsible not only for the sentence but for the gigantic letters in which I print the word "charged," and the minute, nay, microscopic type in which I print the word "acquitted." One fact follows from this, which is too much neglected. There is no editorial responsibility so serious as the responsibility for pictures. Morally and democratically, the illustrations of a book are far more important than the book. Most of us can read writing, but none of us can help reading picture-writing. We can start reading a printed page and decide whether we will read it; we cannot start looking at a pictured page and decide whether we will see it—we have seen it. Print is at the best a temptation; a picture is an assault. Hence the responsibility of those giving truth through popular histories must be specially judged by whether their pictures are really meant to help the history or only to help the sale. Certainly the pictures of a book sum up and decide its real tendency.

Suppose I were writing a Life of Mr. Carnegie; the text might be most tender and respectful, and

This is where the real evil and danger of such collections come in. It is not science that is dangerous, the few facts really known. It is the huge superstructure which the human fancy erects in an instant upon the smallest and most trifling hint. If we know nothing about a man except that he is a Presbyterian

and once bought a green umbrella, we cannot help making an immediate picture in our minds, complete, artistic, and alarming. Whereas in truth those two things may be quite minor matters in the man's life: he may have early abandoned Presbyterianism and only bought a green umbrella during the one evening of intoxication with which he celebrated his deliverance from that creed. In the same way, when we see a skeleton and a stone axe-head, we instinctively think of a naked man with a stone axe. The man may, as a fact, have been slightly overdressed and may never have used a stone axe in his life. It may have been a ritual to put quite useless axes into graves. It may be that one might as well say that every man with flowers on his tomb is a florist or that any man in a wooden coffin was a carpenter. We do not know anything about these things. To talk about the world before history is to talk about knowledge before knowledge. But the Harmsworth History of the World fills up all these gaps with a charming ease, simply by putting into its history any pictures of half-clad people out of any picture-gallery or magazine.

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WORLD'S NEWS.

The "Edward Medal." Last week the *London Gazette* published a Royal Warrant expressing the King's desire to distinguish by mark of royal favour the heroic acts that miners, quarrymen, and others perform in saving or endeavouring to save life in times of peril in mines or quarries. With this end in view, his Majesty has decided to institute a new medal, which will be reserved for such acts. The Warrant sets out his Majesty's wish that the medal shall be of two classes, in silver and bronze. It prescribes the conditions under which the award will be made and the circumstances under which it may be forfeited. His Majesty's action will be greeted by all classes of the community with genuine approval, for it is well known that many deeds done in quarries and mines would earn the Victoria Cross if performed on the field of battle.

The Railway Dispute. The crisis in the railway world continues to agitate the larger world that depends in part upon the railways for the conduct of the ordinary affairs of life. There has been one notable development since last we dealt briefly with the problem in this place, and it takes the form of an invitation from the President of the Board of Trade to the Chairmen of the Railway Companies to meet him at his office in order to discuss privately and informally the demand of the railway workers for the recognition of their Societies. The Midland Railway Company has issued a circular to its staff pointing out that in the past ten years concessions have been made to the men that cost the company £240,000 a year, and that the directors have decided to adhere to their custom of holding direct communication with elective representatives of each grade of their workers rather than to recognise the demands of Mr. Bell on behalf of the Amalgamated Society for the sake of temporary peace. On Saturday the Conference of Delegates of Railway Men's Trade Unions on the question of united action was brought to a close in Manchester. Resolutions were carried supporting the demands of the unions for the elementary right, inherent in all trade unions, to collective bargaining, and the consequent right of being represented in all trade disputes by their own duly elected officials. At Battersea Mr. Bell has addressed another large meeting, declaring that if the Companies do not concede the demand made on them, the members of the Amalgamated Society will not turn back. There is a very general feeling among the general public that a strike must be avoided.

The Situation in Morocco. From Morocco the news is fairly satisfactory, as far as the Powers of Europe are concerned. The Sultan has lent an attentive ear to the advice of the French Envoy, M. Regnault, and there is every reason to believe that the latter has assured Mulai Abd el Aziz of French support against his half-brother, the usurper. In the meantime the country round Casa Blanca shows signs of returning to its normal state, and several important chiefs have paid visits to General Drude to assure him that they regard him as a brother. In the South the news is bad. The Jewish quarter at Marrakesh is in great danger because fanatics have stirred up the populace to a belief that Jewish intrigue is responsible for the invasion of Casa Blanca. Jewesses have been sold openly in the Marrakesh slave market, and the gates of the Mellah are guarded by soldiers. The Moorish Envoy sent by Mulai Hafid have left London after a fruitless endeavour to obtain recognition from our Foreign Office, and reached Berlin some days ago, to find themselves equally unfortunate in the Wilhelmstrasse. They are now on their road from Rome. It is to be feared that while their European visit will be full of interest to them as tourists, it will yield no benefit to their master, and their reception when they reach his camp is one that we do not care to contemplate. Happily, they are fatalists, and know that their failure was predestined. It is rumoured that arrangements are being made to float a loan in Paris to relieve the present urgent necessities of the Moorish treasury. Relations between France and Spain are not as cordial as they might be; the Spanish papers declare that France is seeking to gain complete control over Morocco at the expense of Spain's rights and interests.

OUR SUPPLEMENT.

THE question of *mal-de-mer* is perennial, and it is probable that the remedy will be sought vainly until the end of time. The *Lusitania*, however, with her extraordinary steadiness, has probably brought us the nearest solution of the difficulty that will ever be found. The attempts that have been made by ship-builders to find a steady vessel for the disastrous Channel passage have been illustrated in this Journal for the last sixty years and more, and many of these early experiments, together with the most recent applications of the gyroscope, which has been found so successful on the German torpedo-boat *Seecat*, are reproduced in our Supplement. "An Old Sailor" contributes an amusing article on the natural and literary history of sea-sickness.

NOTE TO CONTRIBUTORS.

It is particularly requested that all SKETCHES and PHOTOGRAPHS sent to THE ILLUSTRATED LONDON NEWS, especially those from abroad, be marked on the back with the name and address of the sender, as well as with the title of the subject. All Sketches and Photographs used will be paid for. The Editor cannot assume responsibility for MSS., for Photographs, or for Sketches submitted. Poetry is not invited and cannot be returned. N.B.—Photographs and Sketches should always be accompanied by postage stamps, otherwise their return cannot be guaranteed.

PLAYHOUSES.

EURIPIDES' "MEDEA," AT THE SAVOY.

IT was the great faculty of Euripides that he could inspire human tenderness and play of the gentler emotions into those legends of heroic crime and superhuman horror which constituted very largely the stock-in-trade of the Attic theatre; and this treatment it is of his, often impeached as rationalistic, or even irreligious, by his own generation, that renders his tragedies more appealing to the modern playgoer than the sublimer poetry of Aeschylus or the more classic elegance of Sophocles. What more barbaric or ghastly story, for instance, is to be found in the whole range of the Greek sagas than that of Medea, the savage, Oriental princess, betrayer of her country, witch and past-mistress in the art of murder, who sacrificed all she held dear to passionate love of the Hellenic adventurer, Jason, and then, deserted by him and replaced by a rival, wreaked by way of vengeance an awful death, not only on her would-be successor, but also on her own and Jason's innocent children! Scarcely a theme, you would say, permitting of much display of natural emotion; scarcely a heroine to possess the kindlier feelings! Yet just the conspicuous feature of Euripides' handling of the grim old tale is the suggestion that the dramatist conveys of his heroine's struggle between maternal affection and a sense of outraged love and trustfulness. This human element of the play is, at any rate, that which is brought home most vividly by Messrs. Vedrenne and Barker's Savoy production of the "Medea," and it is her emphasising of this which makes Miss Edith Olive, so bizarre with her dark complexion and hair and her reddish robes, so intense, if rather monotonous in her declamation, a Medea that wins her audience almost as much as Medea's conflict of emotions is the supreme lyrical quality of the play's choragic interludes. These, in Professor Gilbert Murray's noble translation, with their Swinburnian echoes, especially as they are rhythmically declaimed and not sung, exercised a wonderful charm last Tuesday afternoon, and it was the chorus which, in its vain appeal to the heroine half-way through the play, was most successful in compelling its audience's tears. The most varied display of oratory was that given by Mr. Lewis Casson as the Messenger, but both Mr. Hubert Carter's Jason and Miss Bateman's Nurse were deserving of all praise.

AT THE BOOKSELLERS.

JOHN MURRAY.

Letters of Queen Victoria. Edited by Arthur Christopher Benson, M.A., and Viscount Esher, G.C.V.O., K.C.B. Three Vols. £2 3s. net.

Redcoats in a Story of that Country. Alfred Cillian. 6s.

CHAPMAN AND HALLS.

Ashford. Agnes Farley 1s.

The Fashionable Christians. Vincent Brown. 6s.

MACMILLAN.

Poems Old and New. Margaret L. Woods. 4s. net.

The Man Eaters of Tsavo. Lieutenant-Colonel J. H. Patterson, D.S.O. 7s. 6d. net.

The Use of Life. Lord Averley. 2s.

The Little Guest. Mrs. Molesworth. 2s.

Arthusa. F. Marion Crawford. 6s.

The Brushwood Boy. Rudyard Kipling. With Illustrations. E. H. Townsend. 6s.

The Pleasures of Life. Lord Averley. 2s. net.

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A Short History of Our Own Times. Justin McCarthy. 6s.

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The Charm of London: An Anthology. Compiled by Alfred H. Hyatt. 2s. net.

The Pocket Beaconsfield. Compiled by Alfred H. Hyatt. 2s. net.

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George III. as Man, Monarch, and Statesman. Beckles Willson. 2s. 6d. net.

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The Tallman. Sir Walter Scott. Illustrated by Simon H. Vedder. 6s. net.

GIBRINGS.

The Keramic Gallery. William Chaffers. 3s. net.

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The Story of Ellen. Rose Moulton. 5s.

The Boys of Baltimore. A. A. B. Stavert. 2s. 6d.

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The Messenger. Frank Moore. 6s.

A Shepherd of Kensington. Margaret Baile-Saunders. 6s.

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British Country Life. Edward Thomas. 6s. 6d. net.

HARPER AND BROTHERS.

The Great Mischief. Margaret Weston. 6s.

The Fair Lavinia and Others. Sir Clement R. Markham. 6s.

A Horse's Tale. Mark Twain. 6s.

THE BRITISH SPORTS PUBLISHING COMPANY.

Ruby Guide and How to Play Rugby. "Old National." 6s. net.

SIDNEY APPLETON.

The New Book of the Dog. Edited by Robert Leighton. 3s. net.

Francois Rabelais. Arthur Tilley. M.A. Cloth. 6s. net.

SMITH, ELDER.

The Atlas of Fire. A. C. Benson. 7s. 6d. net.

King Edward VI. An Appreciation. Sir Clement R. Markham. 7s. 6d. net.

Laid Low in Lavender. Stanley J. C. 6s. net.

The Life of Cavour. Edward Cadogan. 7s. 6d. net.

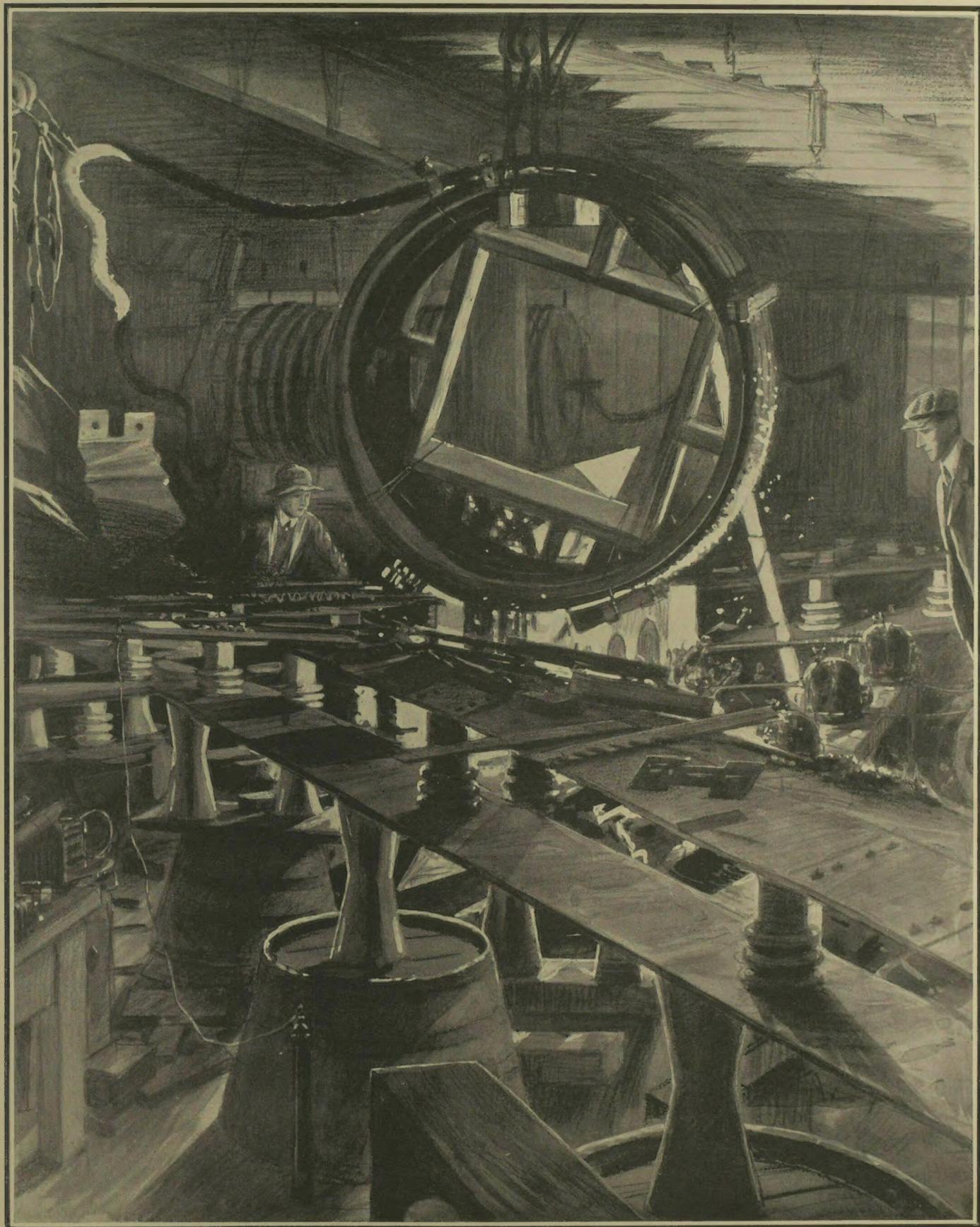
Her Ladyship. Katharine Tynan. 6s.

SWAN, SONNENSCHEIN.

Pictures of the Socialistic Future. Eugene Richter. With an Authorised Translation by Henry Wright. 6s. net.

MARCONI'S LATEST MARVEL: WIRELESS MESSAGES TO CANADA.

DRAWING BY S. BEGG, OUR SPECIAL ARTIST AT THE MARCONI STATION, CLIFDEN, GALWAY.



THE SPARK THAT SPEAKS ACROSS THE ATLANTIC: THE MARCONI TRANSMITTER AT WORK.

The plates which radiate from the huge coil in the centre of the shed are connected with a great series of galvanised iron plates hung parallel to one another in an adjoining building. These plates form, as it were, a gigantic Leyden jar, which condenses the tremendous current received from the dynamos. When the spark passes, the vibrations in the coil are communicated to the cables stretched between high poles in the open air. The passage of the spark sets up vibrations known as Hertzian waves, and these are received by a specially tuned instrument at Cape Breton. The spark is of long or short duration at the operator's will, and thus the letters of the Morse code are spelt out. For a second or two before the beginning of the message there is a sound like a deep growl of thunder, then the spark passes with a rending detonation, and for the rest of the time that the message is being sent the noise resembles that of a machine-gun in action. The operators must not approach the charged plates nearer than six feet. The installation here figured is temporary.

OUR GREAT ACTRESS-VISITOR AS A SPORTSWOMAN: MME. SARAH BERNHARDT AT THE COVERT SIDE.

FROM A PHOTOGRAPH IN "MEMOIRS OF SARAH BERNHARDT," BY PERMISSION OF THE PUBLISHER, MR. HEINEMANN; SETTING BY "THE ILLUSTRATED LONDON NEWS."



Sarah Bernhardt.

MADAME SARAH BERNHARDT AND MEMBERS OF HER COMPANY OUT SHOOTING.

Sarah Bernhardt's activities are endless. Besides being the greatest of actresses she is a painter, a sculptor, a fencer, an angler, and a sportswoman. She is quite at home with the gun, and during her holidays at her country place, she delights to go out shooting with the members of her company.

GREAT AND LITTLE WONDERS OF OUR MODERN WORLD.



Photo, Halfpenny.

CEREMONIAL SLIPPERS FOR SPAIN'S BABY-HEIR: THE PRINCE OF ASTURIAS' FIRST PAIR OF SHOES.

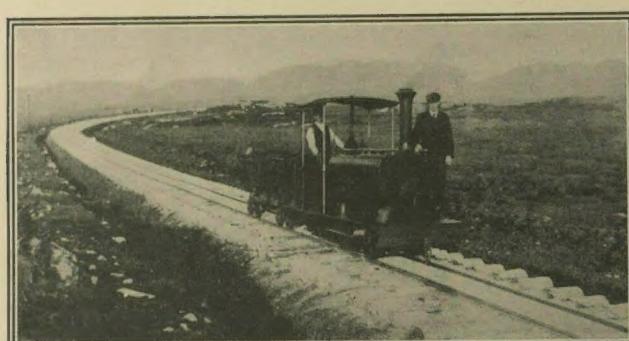
The heir to the throne of Spain is officially presented with his first pair of shoes. The ceremony took place the other day. The shoes are always enclosed in an elaborate casket, which is quite tiny, although its resemblance to a chair is deceptive.



Photo, Halfpenny.

TESTING THE PHYSIQUE OF SLUM CHILDREN: WEIGHING, MEASURING, AND LUNG-TESTING.

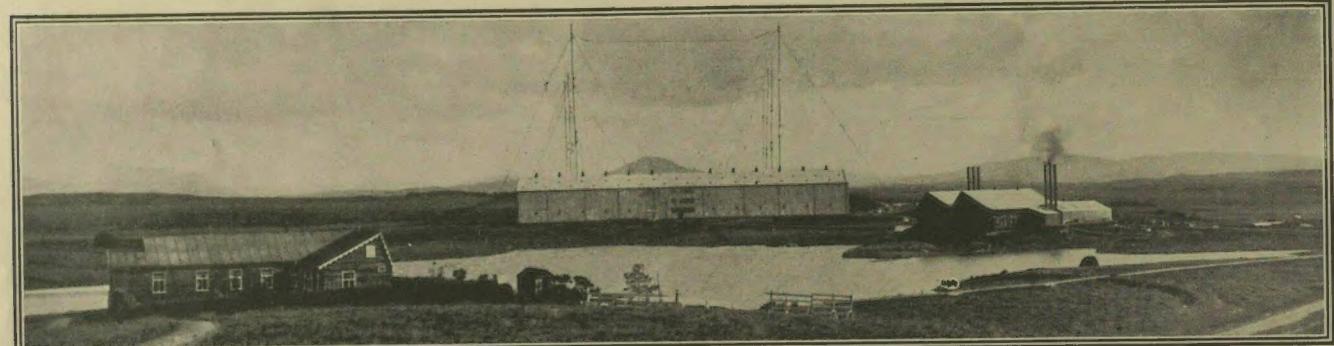
The experiments have been instituted by the Birmingham Corporation under the supervision of experienced nurses and a doctor. Records are kept of the weight, the height, and the lung-power of each child. For the latter record children blow into a gauge.



THE LITTLE RAILWAY FROM THE MARCONI STATION TO THE NEAREST VILLAGE.



THE OPERATOR WHO SENT THE FIRST WIRELESS MESSAGE TO CANADA.



Photo, Illustrations Bureau.

THE SOURCE OF THE POWER THAT SPEAKS TO CANADA: THE MARCONI STATION AT CLIFDEN, ON THE GALWAY COAST.

THE LATEST WONDER IN WIRELESS TELEGRAPHY: THE IRISH STATION THAT COMMUNICATES WITH CAPE BRETON IN NOVA SCOTIA.

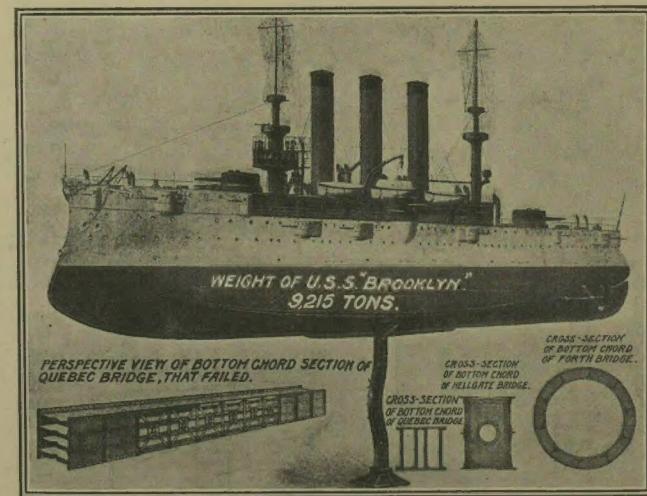
On October 18, Marconi wireless telegraphic service between Ireland and Canada was inaugurated by a message from the King to the Canadian Governor-General. The Marconi installation is the most powerful that has yet been set up, and is used to project into space the waves of ether that carry the message. The station is in charge of Mr. Entwistle.



Photo, World's Graphic Press.

POLITICS ON WHEELS: UNIONIST VANS TO CONTEST SOCIALISM.

The Unionist Party has just put on the London streets twenty travelling-platforms for political orators. The speakers are to be working-men, who will address their fellows on anti-Socialistic doctrines. The side of the van folds back to open the platform, which is arranged something like the tribune in a Continental Parliament House.

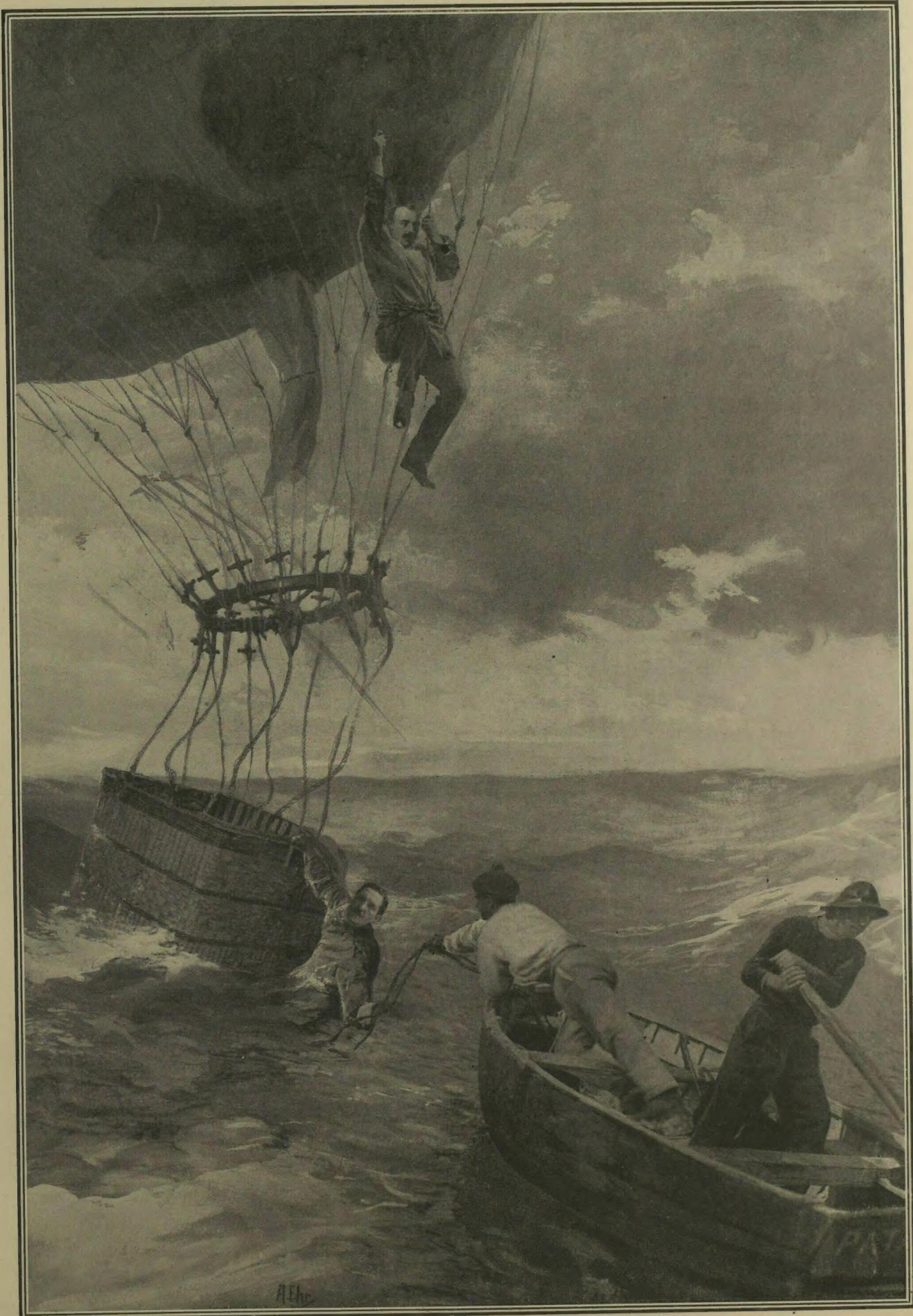


THE LOAD THE QUEBEC BRIDGE WAS SUPPOSED TO CARRY.

The vertical post, which is shown in the act of breaking down under the load of the cruiser "Brooklyn," is drawn to scale, and represents the lower chord-member of the Quebec Bridge, which failed by buckling through the rupture of the latticing. Theoretically the member should have carried 11,320 tons; actually it failed under 8000 tons.

BY COURTESY OF THE "SCIENTIFIC AMERICAN."

THE CHIEF DANGER OF BALLOONING: AN INGENIOUS PHOTOGRAPH.



BALLOONISTS RESCUED BY BOATMEN.

The chief danger that an aeronaut has to fear is that of coming down in the sea. Two officers of the British Balloon Corps were drowned not long ago in this way, and two of the competitors in the Paris long-distance race had a very narrow escape from the same fate. They were, however, picked up by a trawler when their car was already submerged and they were clinging to the rigging of the balloon. Not long ago two Spanish officers had a similar escape. The photograph does not pretend to be actual, but it is worthy of publication as an ingenious composition.



ART NOTES.

WEARY of the overloaded market-cart horse, of the scavenger sparrow and the undesirable alien cat, the man of Whitechapel may turn in from his High Street to the latest exhibition prepared for him, and be put in better humour with animalkind. "For you," let it be said to him in Ruskin's words, "the moth and the bee will sun themselves; for you the fawn will leap; for you the snail

will be slow; for you the dove smooth her bosom, and the hawk spread her wings towards the south." Here, in Whitechapel, is the storm-spirit in eagles, here is the lordliness of lions. In this array of graved, carven, and painted animals are creatures crouching, ramping, crawling; the horses of the Parthenon in their immortal progression; the Assyrian lioness in her never-ending agony of death; the mediæval coxcomb horse that prances over St. George's expiring dragon. These and the sculptures of all ages are shown in admirable casts, or, if needs be, in photographs, and all in chronological order.

Considering the difficult shapes and sizes of so many of the exhibits, and that a small photograph sometimes represents a much more important phase in the history of the art of animals than a large case of porcelains, the arrangement is admirable. For ourselves, we found ourselves lingering before the beloved forms of a

set of Noah's Ark: those animals were as wooden and as crudely painted as anything that childhood ever tolerated, and though the mature sculptures of Greece—that thought of by children neither as models nor as seers—rang them-selves but two yards away, The birds and fishes of mediæval art are, not improperly, within sight of the bronzes of Japan. The cock by Dürer has something in common with the feathered bravado of Eastern designs. He

crows it against the most realistic or most fantastic cocks of Hokusai. The heraldic swagger of the West matches the fantastic conceit of the East, nature in each case being modified with much the same results. But at Whitechapel there are also examples of the patient mimicry of the Japanese artist. The intricate armour of crabs, the maze of folds in a leopard's skin, the gorgeous effrontry of a peacock's plumage, are copied for their own sakes, and the larger meaning—as the storm spirit of the eagle and the lordliness of the lion—is forgotten.

Japanese art, which points such an evil finger of derision at mankind, does not often laugh at other forms of life. Flowers are a religion; animals the aristocracy of the coloured print. But the professors of the grotesque do not chuckle at all the imaginable deformations of man only, and there are some grotesque animals at Whitechapel. Japanese monkeys are almost as unseemly as



AUDREY IN "AS YOU LIKE IT," AT HIS MAJESTY'S.
MISS MARIANNE CALDWELL.



MUSIC.

AS the musical season waxes, and all the afternoon and evening hours are set to melody, it is pleasant to recall individual performances that have made the passing week notable, that have lent a special measure of distinction to a concert or opera that without them had done nothing more than maintain the average high standard of excellence that London claims and finds to-day.

Among the performances one would desire to remember, Miss Johanne Stockmarr's playing in the Grieg Concerto at the first "In Memoriam" concert takes precedence. All too often our concert halls resound to the echoes of an interpretation that seems to express the composer's words and ignore his meaning, if we may speak of music in terms of letters. The finished ease of the performance may draw applause, but a still small voice tells us that the true inwardness of the music has escaped player and audience. When Miss Stockmarr played the Grieg Concerto she gave us not only of her best, but of the composer's best.

M. Emil Mlynarski, the Polish violinist and conductor, who directed



ANOTHER CENSURED DRAMATIST:

MR. GRANVILLE BARKER,
Who's play, "Waste," has been refused sanction by the official Licensor of Plays.



the London Symphony Orchestra at Mischa Elman's concert on Saturday last, came to the front in fashion unmistakable by his handling of Tchaikowsky's Fourth Symphony. He had not pleased us with his reading of the Egmont Overture, and it may be that some were a little afraid of the symphony, which demands expert handling before its full beauty is revealed. Happily, there was no cause for uneasiness: seldom has the subtle and ever-changing mood of the composer been expressed with greater force, restraint, and insight. The symphony, following M. Mlynarski's baton, was seen as the stupendous creation of a master mind; the relation of the parts to the whole was always apparent, the interest never flagged, the attention of the audience could not halt. Needless to say that Mischa Elman played delightfully.

A very large gathering was attracted to the Albert Hall on Sunday, when Kirby Lunn sang and Jean Gerardy played. The great contralto was persuaded to give an encore, and sang one of Percy Pitt's songs a second time; but M. Gerardy was suffering from a blistered finger, and was not heard to advantage in Saint-Saëns' concerto.

At the Opera, where "La Gioconda" has been revived, a young Irish tenor, Mr. John McCormack, who has achieved distinction on the concert platform, sang the music of Turiddu in "Cavalleria Rusticana" last week. Mr. McCormack's gifts are lyrical rather than dramatic.



THE CRUCIAL POINT OF THE MOST-DISCUSSED PLAY IN LONDON,
"IRENE WYCHERLEY," AT THE KINGSWAY THEATRE.

Miss Lens Ashwell in the name-part; Mr. Norman McKinnel as Philip Wycherley, the husband.

MR. TREE'S CONCEPTION OF A MUCH-DISCUSSED HERO IN FICTION.

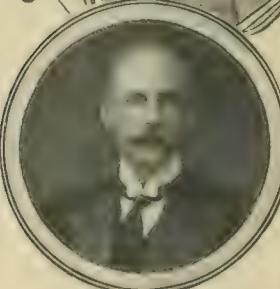
DRAWN BY S. BEGG AT A SPECIAL SITTING GRANTED BY MR. TREE TO "THE ILLUSTRATED LONDON NEWS."



MR. TREE AS PARAGOT, "THE BELOVED VAGABOND."

Last week at the Theatre Royal, Dublin, Mr. Beerbohm Tree produced the dramatic version of Mr. W. J. Locke's novel "The Beloved Vagabond." The actor-manager appeared with extraordinary success as Paragot, the Beloved Vagabond, his conception of which aroused the liveliest public interest, both in anticipation and in realization. Mr. Tree afterwards appeared in Glasgow in his new part.

LITERATURE

Photo, Thomson
MR. F. MARION CRAWFORD.

Whose new novel, "Aethusa," has just been published by Messrs. Macmillan. The scene of the story is laid in Constantinople.

they arrange unskillfully and without any really sympathetic view of their subject. Worse than all, they lack the biographer's prime virtue, that of self-effacement. They cannot realise that the person of whom they write is most likely greater than themselves, that comment is almost always superfluous, and very often

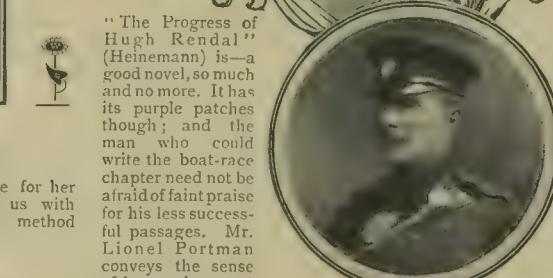
Biography Never, perhaps, Right in the Lines. history of book-making has biography attracted so many writers as it does at the present time, and it cannot be said that the results are very satisfactory.

For the most part the biographers have very few qualifications for their task; many of them are mere hacks, compilers of hastily acquired material, which

do, is to stultify her. Truth alone will suffice for her portrait, and that Mr. Gribble has given us with excellent humour and sympathy. If his method

Reproduced from "George Sand and her Lovers," by permission of the publisher, Mr. Eveleigh Nash.

GEORGE SAND.



Photo, West.

AUTHOR OF THE TRAVEL-BOOK OF THE YEAR: LIEUT. BOYD ALEXANDER.

Lieutenant Boyd Alexander's "From the Niger to the Nile" will be published very soon by Mr. Edward Arnold.

"The Progress of Hugh Rendal" (Heinemann) is—a good novel, so much and no more. It has its purple patches though; and the man who could write the boat-race chapter need not be afraid of faint praise for his less successful passages. Mr. Lionel Portman conveys the sense of joyous, irresponsible emancipation, which is the keynote of the healthy undergraduate's exuberance. He brings out, too, the zest and the sting and the savour to him of the wind off the wide sea of the future. His 'Varsity men are capital examples of their respective types; and he has made a valiant effort to endow his heroine with something better than the milk-and-water qualities too often possessed by the



"UP DARTED A LIVING TENTACLE AND FIXED UPON HIM."

Reproduced from Mr. Charles G. D. Roberts' new book, "Hauntings of the Silence," by permission of the publishers, Messrs. Duckworth and Co.

impudent. If a person's life is worth writing, for his virtues or his vices, the best portrait will arise in the reader's mind by a skilful presentation of facts. The biographer need not be the apologist. He may have, of course, his point of view, but that can be indicated by deft handling, by the temper of the writing, and it should always be suggested rather than stated. When he has to deal with the great rebels against convention, he requires a double measure of this grace, and it is refreshing to find it at last in Mr. Francis Gribble's "George Sand and her Lovers" (Eveleigh Nash). Mr. Gribble could hardly have chosen a more difficult theme to present to an English audience, jealous for Mrs. Grundy. But he is too wise a man to let that good lady concern him at all, and consequently he comes through his ordeal honestly and cleanly with no hypocritical *arrière pensée*. His view of the woman who inspired Alfred de Musset and Chopin is perfectly clear and sane. He understands her in her passion and in her dejection, in her charm and in her commonplace. He shows her as something less than great, without the tediousness of saying so, but he leaves her wonderful. Prolific and too-hurried novelist, literary hack, Romanticist, Republican apostle, explorer of emotions undeterred by constant disillusion, George Sand remains one of the most fascinating puzzles of feminism. To explain her or to gloss over her unconventionalities, as Miss Bertha Thomas tried to



ANOTHER CHARMING MINIATURE OF A HEROINE IN FICTION.

Frontispiece by Frank Haviland to "The Scoundrel," reproduced by permission of the publisher, E. Grant Richards.

were more general in modern biography we should be saved from a great deal that is merely boring.

In Tom Brown's Footsteps. It is ticklish work to take the schoolboy hero on to the University, along the path trodden by Tom Brown. "Hugh Rendal" was a superlatively good school story;



"THEN WITH THE LARGEST PRIZE IN HIS JAWS HE SWAM SLOWLY TO THE ROCK."

Reproduced from Mr. Charles G. D. Roberts' new book, "Hauntings of the Silence," by permission of the publishers, Messrs. Duckworth and Co.

marriageable girl in books of this description. Hugh's history runs from his first hour as a freshman of "Templar's" to his acceptance by the predestined young woman. He fulfills the promise of his boyhood, and his old friends will be glad to meet him again.

A Novelty in Fiction. To discover a live witch, with a he-goat familiar, and a tower whereon she weaves the midnight spell, in an up-to-date environment, is to hear the note of welcome novelty. "The Shadow of the Unseen" (Chapman and Hall) is as attractive as its cover, which is saying a good deal, seeing that the same cover has a weird head and other alluring signs upon it. It is not possible to escape the wish to know how much is Mr. Barry Pain and how much Mr. James Blyth, who are jointly responsible on the title-page. It is, we think, reasonable to attribute to the former Mr. Willoughby Trotter, the senior tutor, who tried to temper the precision with the sportsman on his country holiday. "The admixture worked out in a Norfolk jacket of a pepper-and-salt material, tastefully combined with black kid gloves. . . . There were knickerbockers in one of his portmanteaux. There were also gaiters. Gaiters cover a multitude of shins, as Mrs. Devigay sometimes remarked." The quotation will show that light relief is not missing in a tale which contains as many thrills as are good for a nervous age.



GEORGE SAND IN LATER LIFE.

Reproduced from "George Sand and her Lovers," by permission of the publisher, Mr. Eveleigh Nash.

SOUVENIRS OF CAMPAIGNS OLD AND NEW.



PLEVNA TROPHIES FOR SKOBELEFF'S MEMORIAL ON THE FIELD OF PLEVNA.

On September 12, the thirtieth anniversary of the great battle of Plevna, Prince Ferdinand of Bulgaria unveiled a memorial erected on a mound in the field to the memory of the great Russian general, Skobeleff. The mound is decorated with guns, and the gateway is made of shells, muskets, cannon, and bayonets. In the foreground of the larger photograph are shells, skulls, and bones which were dug up when the mound was being prepared.

A GATEWAY OF GUNS: THE INCREDIBLE DECORATION OF THE MEMORIAL.—[Photo, Lovat Fraser.]



THE EXTRAORDINARY EFFECT OF A SHELL AT CASA BLANCA: A DOUBLE BREACH IN THE FRENCH DOCTORS' LODGINGS. The shell hit the house where the doctors of the French field hospital have their lodgings. Through the further hole where the shell entered can be seen the great tents of the field hospital.

SCIENCE



JAMES WATT 1819

SCIENCE JOTTINGS.

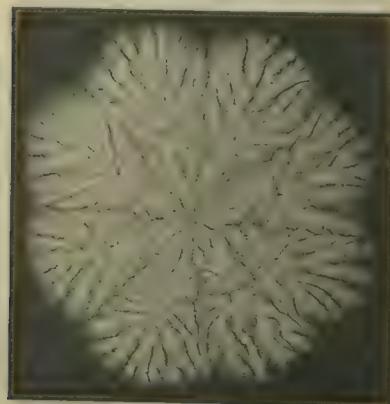
PERSISTENT LIFE.

A VERY large amount of attraction for the naturalist lies in the topic of the persistence of life under conditions and circumstances calculated according to ordinary computation to end vitality and to extinguish all the activities of the organism. Life, in fact, is capable now and then of showing a marvellous power of resisting stress and strain, such as we are apt to regard as essentially destructive to its fires. It is not necessary here to dwell upon the case which will most readily occur to readers as apparently illustrative of the foregoing remarks; I refer to the recurring reports of live frogs and toads being found in solid rocks. According to the popular narratives these amphibians have been enclosed for geological ages in the strata in which they are alleged to have been found entombed. We have thus the paradox that some of these living animals must be much older than the oldest known fossil representatives of the class—*quod est absurdum*.

The fact is that frogs and toads in the young state creep through crevices into rock recesses. They can subsist on very little food, and are highly tenacious of life. The apparently solid rock is split up by the quarryman, and the live amphibian is accordingly believed to have lived in the rock substance for untold ages.

A SIX-FOIL FIGURE OBTAINED BY ELECTRICAL DISCHARGE.

For this belief there is no warrant whatever. Dean Buckland long ago showed that frogs and toads placed three feet deep in his garden, enclosed in cavities cut out in blocks of stone, and sealed up, were mostly dead at the end of the first year of their entombment, and the survivors were found dead and decayed at the end of the second year. It cannot be doubted that, if these animals really possessed the miraculous powers of resisting conditions so rigorous as are implied in the case of the toad in the rock, they would certainly have been found alive and flourishing by Dean Buckland when he disinterred them from a relatively comfortable burial in his garden. Leaving the case of the frogs as unworthy of further criticism, we may none the less find in other ranks of the animal world illustrations of a pertinacious holding on to life under conditions that would seem to render the continuance of vitality impossible.

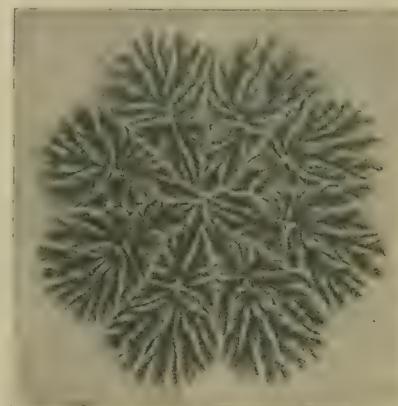


A VERY ELABORATE EIGHT-FOIL DISCHARGE.



SYMMETRICAL FIGURE OBTAINED BY AN ELECTRICAL DISCHARGE FROM TWO POINTS.

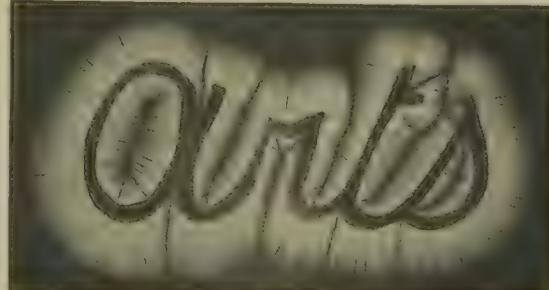
Long ago, for example, the late Sir Richard Owen and Dr. W. B. Carpenter repeated experiments on the common "wheel-animalcules," or rotifers, that are found in fresh water and in other situations, a favourite



AN EIGHT-FOIL FIGURE OBTAINED BY ELECTRICAL DISCHARGE.

THE SPARK THAT SPEAKS ACROSS THE ATLANTIC: VARIATIONS OF THE ELECTRIC DISCHARGE.

The sparks photographed on this page are not actually taken from the Marconi coil, but they are interesting variations on a smaller scale of the same phenomenon.



A WORD WRITTEN IN ELECTRIC SPARKS.

hunting-ground being the débris of the rain-water gutters on house-roofs. The older naturalists were aware that these animalcules could be desiccated until their bodies became mere specks of dried dust, so to speak. In this mummified condition they could be kept for months, or even years; yet upon the addition of water they were revived, and at once resumed the movements characteristic of their kind. No doubt exists regarding the revivification of the wheel-animalcules, and the incident is all the more notable for the reason that the rotifers are by no means of low organisation. They are of much higher grade than the ordinary infusorian animalcules of the pools. They possess internal organs, even to a rudimentary nervous system, whereas their lower neighbours are mostly specks of undifferentiated protoplasm, and nothing more. It is somewhat difficult to conceive the exact state represented by the body of the desiccated wheel-animalcules. Life exists, of course, otherwise revival would be impossible. There is no such thing as revitalisation; hence we are forced to formulate some idea of a state in which there is a complete suspension of all the functions of the body, a dormant state with the vital spark still maintaining its existence, and waiting only the appropriate medium to cause it to blaze forth into a flame.

The case of the long-continued vitality of seeds is not quite so wonderful an illustration of persistent vitality as is that of the wheel-animalcules, for in the seed we do not meet with the more or less elaborate structure of the animal, and the conditions under which

NATURAL HISTORY



GEORGES CUVIER 1769-1832

the life of the seed is even ordinarily maintained—within thick coverings, for example—lend themselves to the preservation of its life for long periods, a feature which is a part and parcel of the plant's constitution. It is really the animal world which excites our close attention in this matter of prolonged existence under an untoward environment. There is another point which should be taken into account in connection with instances of prolonged animal vitality, and that is the habit of hibernation. The winter sleep of many animals, when all their bodily processes are slowed down, seems to pave the way as a kind of half-way stage for the consideration of the evolution of the habit of persistently holding on to life under more vigorous states.

In the "Philosophical Transactions" of many years ago there will be found an account of wondrous vitality on the part of certain snails. Mr. Stuckey

Simon, a Dublin merchant, was routing out a collection of fossils and shells which had been bequeathed to his father. Fifteen years after his father's death, his parent having had the collection for many years, he gave his child some of the snail shells

to play with. The boy placed them in a pot of water. Next day, to Mr. Simon's astonishment, live snails had issued forth from the shells. The child, who was too young to admit of any doubt being entertained on the point, said the shells were those given to him by his father on the previous day. He had a few more, indeed of the shells, and these he brought. When put into water one of them showed its head and body after an hour and a half's immersion. Other observers saw other specimens crawl out, the first that emerged having died probably through being left in the water. Here there is a record of life having been preserved for very many years in a torpid state. One might presume that desiccation represented in the case of some animals a preservative condition, the application of water acting as the stimulus to a renewal of vitality. This is not surprising if we reflect on the part water plays in all vital action.

ANDREW WILSON.



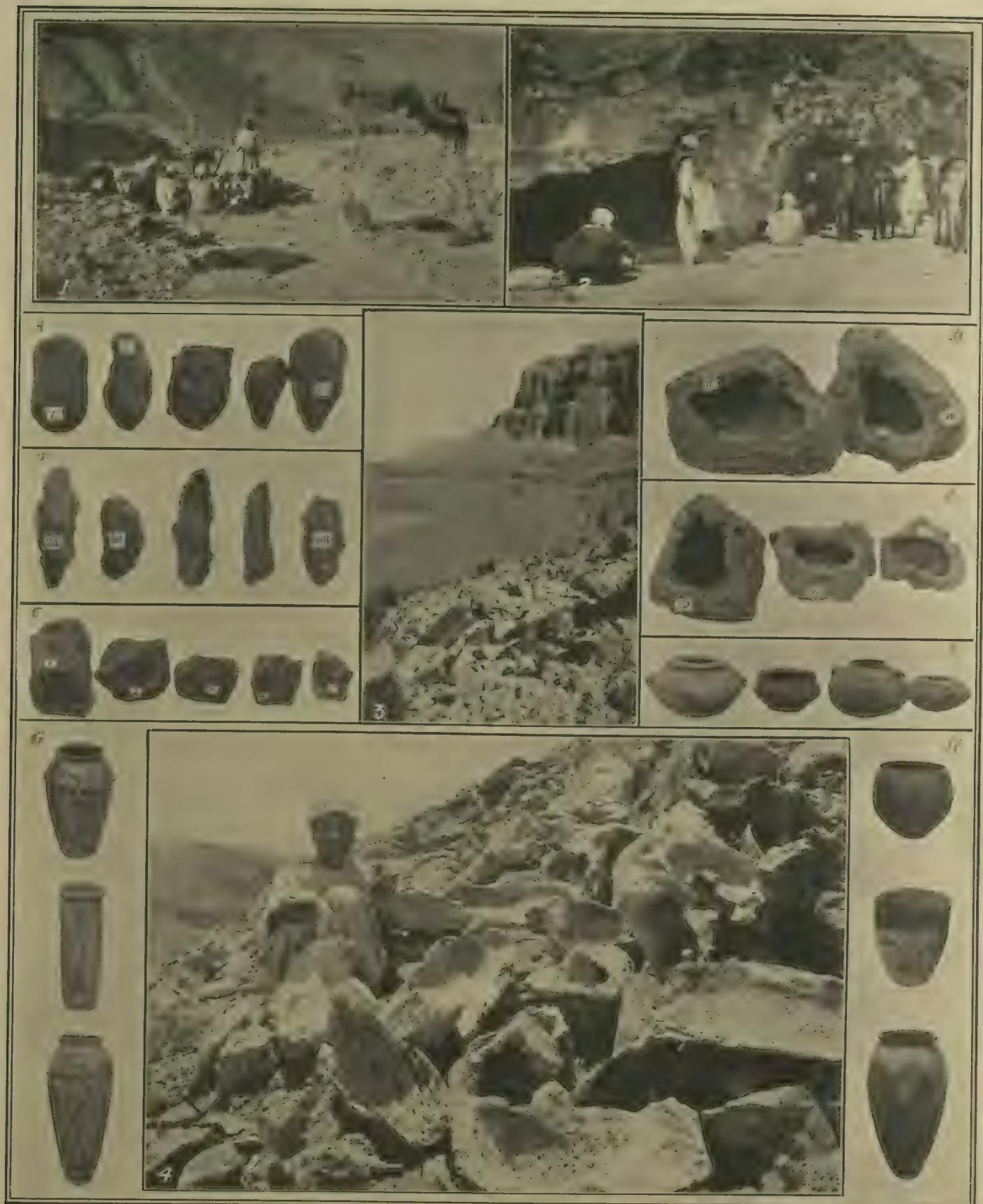
A FINER RAMIFICATION OF THE SIX-FOIL ELECTRICAL DISCHARGE.



A VARIANT OF THE HEXAGON OBTAINED BY ELECTRICAL DISCHARGE.

DID MAN GET THE IDEA OF POTTERY FROM NATURE?

A REMARKABLE THEORY BY MR. R. DE RUSTAFJELL.



1. SORTING FLINT IMPLEMENTS AT THE HEAD OF ONE OF THE WADIES AT NAGADA.
2. A PREHISTORIC FACTORY OF LIMESTONE VESSELS; HILL AND CAVERN BETWEEN THEBES AND NAGADA.

4. THE NATURAL FLINT NODULE FROM WHICH PALEOLITHIC IMPLEMENTS WERE PROBABLY EVOLVED.

B. PALEOLITHIC FLINT IMPLEMENTS ASSOCIATED WITH LIMESTONE VESSELS, BELIEVED TO HAVE SUGGESTED THE IDEA OF POTTERY.

Mr. Robert de Rustafjell, the archaeologist who was the defendant in the interesting case regarding the casket supposed to contain fragments of the true Cross, has formed a theory of the origin of pottery. He believes that primitive man took the idea of earthenware vessels from flint nodules, which he afterwards imitated in limestone. Between Thebes and Nagada, in Upper Egypt, Mr. Rustafjell discovered what he believes to be a Paleolithic factory of limestone vessels. The development of these up to true pottery of the First Dynasty, and their relation to natural hollow flint nodules, is traced on this page.—[PHOTOGRAPHS BY R. DE RUSTAFJELL.]

C. NATURAL HOLLOW FLINT NODULE USED BY TROGLODYTE MAN IN HIS EARLY ATTEMPTS TO MANUFACTURE IMPLEMENTS.

THESE MAY HAVE AFTERWARDS BEEN COPIED IN LIMESTONE.

D. DEVELOPMENTS OF THE LIMESTONE VESSEL.

E. DEEPER LIMESTONE VESSELS FROM THE PALEOLITHIC FACTORY.

3. THE FIRST LIMESTONE VESSEL DISCOVERED ON THE SITE OF THE PALEOLITHIC FLINT FACTORY (THE VESSEL IS RIGHT ON TOP OF THE HEAD).

4. A CLUSTER OF LIMESTONE VESSELS ON THE SITE OF THE PALEOLITHIC FACTORY.

F, G, AND H. NEOLITHIC VESSELS; THE LATEST EVOLUTION OF THE

LIMESTONE VESSEL JUST BEFORE THE ADVENT OF FIRST

DYNASTY POTTERY. THE FIRST AND SECOND VESSELS

IN F ARE IN MARBLE AND LIMESTONE RESPECTIVELY.

THE OTHERS IN F, G, AND H, ARE OF POTTERY.



AT THE SIGN OF ST. PAUL'S: ANDREW LANG ON A SUPPOSED DIVINE REVELATION.

[The small drawings on this page do not illustrate "At the Sign of St. Paul's," but are reproduced from a new edition of Sterne's "Sentimental Journey."]

THE great old preachers of the Kirk of Scotland used to be credited with prophetic and healing powers, not to mention divine and diabolical interviews. The belief in their miraculous gifts much strengthened their political position, and enabled them freely to "rattle" the King, his advisers,

the Judges, and the laity in general.

Thus the Rev. Robert Bruce, M.A., whose Life, by the Rev. S. C. Macnicol, has just appeared, ruled the roast for long, and needed a great deal of putting down. His definite conversion occurred on the night of Aug. 31, 1581, as he lay side by side with some brother of the ministry. His account, wholly uncorroborated by his bedfellow, "is too precious to be curtailed," says Mr. Macnicol, but I have not room for

more than this gem: "It pleased God to make the devil accuse me so audibly that I heard his voice as *truly* as ever I heard anything, not being sleeping but waking." Of course we need the evidence of the other man in the same bed as to the remarks of the Accuser; but, though Mr. Bruce kept asking his companion for his prayers, we have no testimony from that worthy preacher.

Though his Kirk practised ordination by the laying on of hands, Mr. Bruce, for some reason of his own, refused to undergo this rite during many years. So much was he revered that he was allowed to have his own way, and to administer the Holy Communion, though himself unordained. In fact, he went as he pleased, till James VI. got the upper hand of his preachers, and bullied Mr. Bruce in a most mean and ungentlemanly, but not quite unnatural, manner.

"Then," as our teachers tell us in their novels, "a strange thing happened" -- at least so Mr. Macnicol believes; though, for reasons to be given, "I hae ma doots."

On Aug. 5, 1600, the Earl of Gowrie, a noble very dear to

the Kirk, and his brother, the Master of Gowrie, were killed by some courtiers while the King was in their house. People still debate as to whether the King laid a plot for their murders, or whether a plot of theirs to kidnap the King went "agée" and led to their destruction. I cannot doubt that the second view is correct; but, as Mr. Bruce long refused to believe the King's version of the facts, he got into endless trouble.

Now for the miracle! Mr. Macnicol says, "It will not surprise those who have been able to enter into the secret of Bruce's life to learn that, upon the very night preceding the morning of the tragedy of Gowrie's death, the minister, as he dwelt in his manse at Edinburgh, had one of those premonitions which appear to have been granted to him at the great crises of his career. It seems clear that God . . . his ser- nigh- t, while he gaged in tions, sing him special the or- which im- Now if the holy at the time that by a divine the Gowrie con- not think that have been con- foreknowledge" been imputed for that would normal explanation of his prescience. But it does not appear that he ever spoke of his miraculous experience,

Wodrow writes -- "Mr. Bruce seems to have been prepared in Providence" for his troubles about the Gowrie business, and adds that he possesses Bruce's Meditation on the night preceding the fatal Aug. 5. Wodrow promised to publish the "Meditation" in an appendix

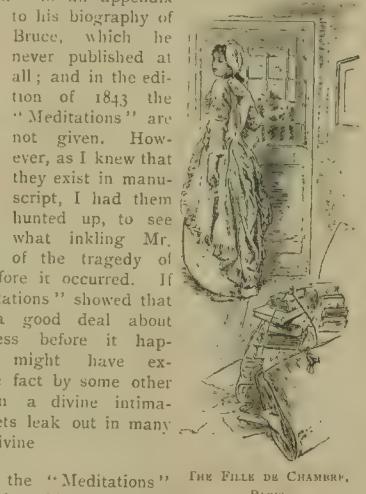
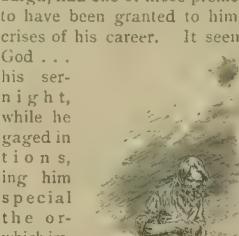
to his biography of Bruce, which he never published at all; and in the edition of 1843 the "Meditations" are not given. However, as I knew that they exist in manuscript, I had them hunted up, to see what inkling Mr.

Bruce had of the tragedy of Aug. 5 before it occurred. If the "Meditations" showed that he knew a good deal about the business before it happened, I might have explained the fact by some other cause than a divine intimation. Secrets leak out in many ways not divine

But in the "Meditations" *THE FILLE DE CHAMBRE, PARIS.* I could find nothing mundane, nothing about a danger to Gowrie, or the King, or the preacher himself. The Meditations, as far as I remember, were a pious rhapsody, with never a hint of a premonition, or any other psychical phenomenon.

This was rather disappointing, but went to prove that Mr. Bruce never dreamed of the tragedy till he got the news of it about ten a.m. on Aug. 6. Indeed, I much doubt whether Wodrow meant more than that Mr. Bruce had certainly been piously engaged "in his great duty of meditation and prayer" on the eve of the disaster, and was thus "prepared" for his consequent tribulation. Thus his modern biographer announces that Mr. Bruce was favoured by a miracle on the occasion.

A well-known miracle told, I think, of St Francis, but certainly of some saint, was transferred to Mr. Bruce. While a companion was soaked through and through in a shower, Mr. Bruce was scarcely damped, had only a little dew upon the surface of his clothes -- was, in fact, "not very wet." Like those of other saints, his body was found to be "almost fresh and uncorrupted" eighty years after his death. In the matter of belief in saintly miracles, the old Presbyterians came near the Popish standard, without being aware of their peril.



THE TEMPTATION, PARIS.



THE FOOTMAN TO A YOUNG SEMPRESSA.

and I conceive that he never had, or thought he had, the divine visit which does not surprise Mr. Macnicol.

The fact is that a learned, but very superstitious minister named Wodrow, more than a



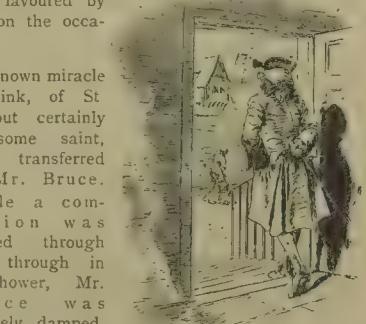
VIGNETTES FROM A BEAUTIFUL EDITION OF "A SENTIMENTAL JOURNEY."

Reproductions from the designs of T. H. Robinson, by kind permission of the publishers, Messrs. Chatto and Windus.

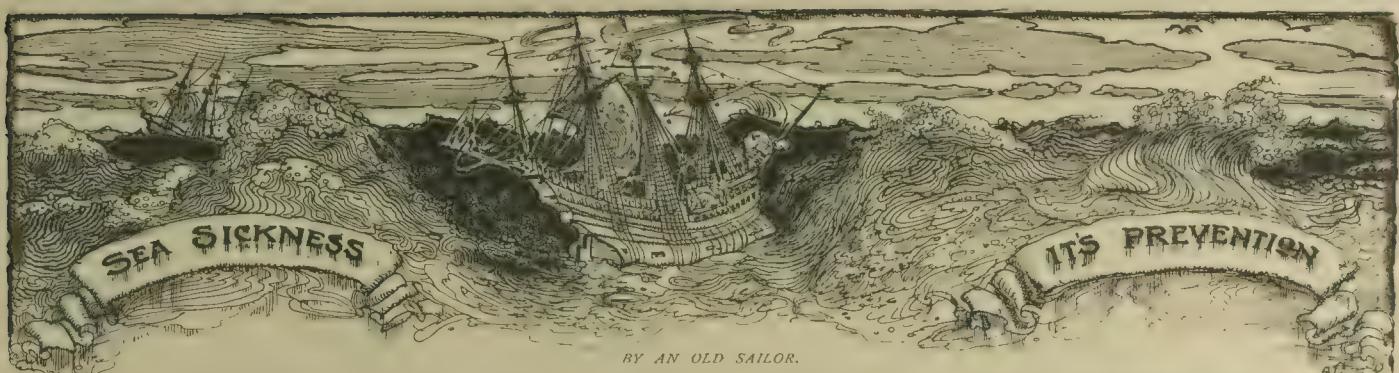
century after the Gowrie conspiracy, possessed a quantity of Mr. Bruce's manuscripts. Among these were two written "Meditations" of Aug. 3 and Aug. 4, 1600. Concerning these



IN THE STREET, CALAIS.



THE DESOBLIGANTE, CALAIS.



Of all the maladies to which human flesh is liable, there is surely none more distressing or more enervating in its effect than that which our neighbours describe as *mal-de-mer*. Yet, oddly enough, there is none also which appears to excite less sympathy, as a rule, or is more often used as a vehicle for banter and railraillery. Why it should be so is by no means clear, for those who are immune bear but a small proportion to the numbers liable to the tortures of this most levelling ailment. It is almost as unnecessary to point to the antiquity as to explain the discomforts of the complaint, but in all probability not only the human passengers, but the animals also, suffered in its throes when they took their voyage in the Ark. Certainly, in the old mystery plays that dealt with this subject, the disturbing effects of a life on the rolling wave formed the matter of many a quip and jest among the members of the seafaring guilds who undertook the presentation of this part of the quasi-religious drama. In the oldest sea-song in our language apt reference is made to the matter, one line especially, "Allas! myne hede woll cleve on thre!" indicating that the sensations experienced by the sea-sick have not altered in all these centuries, for head-splitting and giddiness are as common symptoms of actual nausea now as then. Moreover, from the same song, which deals with the passage of the Pilgrims to the shrine of St. James at Compostella, we gather that the owners of the vessels reckoned upon the sufferings of their passengers saving them in the matter of provisions, and the master cries—

Hale the bowelyne! now, were the shete!
Cooke, make redy anoon hour mete,
Our pylgryms have no lust to ete,
I pray God gyve hem rest.

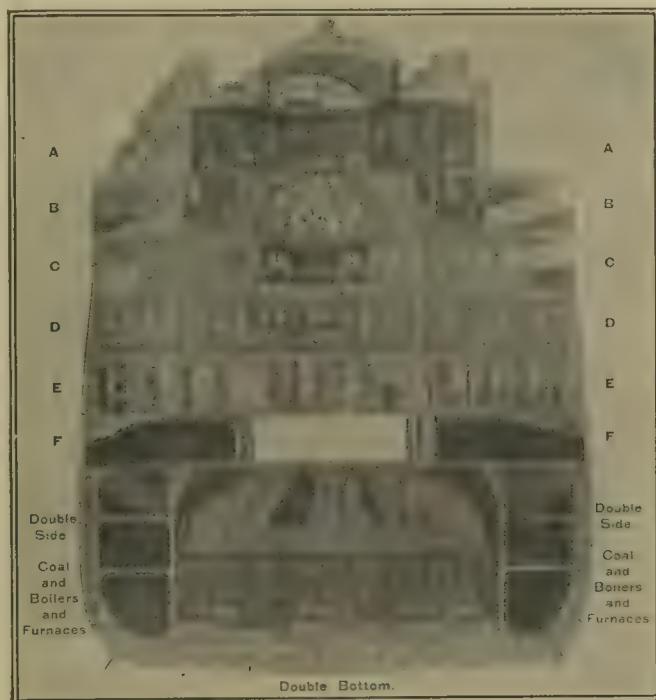
Quite as significant as the many indications of the universal obligation of mankind to this call of the sea which are to be found in the works of the old writers, and particularly the poets, who, from their moans, appear to have been specially prone to become its victims, are the attempts which have been made to find a remedy. The subject has a literature of its own, in which theoretical disquisitions upon the cause, with antidotes, and specifics for its alleviation, rival one another in their multiplicity. Quite naturally, too, in a more scientific age, inventors with characteristic ingenuity and broadness of mind have entered the field, and, as our Illustrations demonstrate, have tried to strike at the root of the evil. "If Britannia rules the waves, I wish she would rule them straight!" exclaims one unhappy sufferer, and so far as individual ships are concerned this is precisely the direction to which those whose appliances are pictured in these pages have concentrated their efforts. But it is so certain that if ships can be prevented from rolling or

pitching, the passage across the Channel or the Atlantic will be made less annoying and painful to what old Braithwaite calls a queasy stomach? It is entirely a mistake to assume that only landmen are affected by the movement of the sea, or that indeed the trouble is one that needs the uneasy motion of a ship for its occasion. We have it on Fielding's authority that all human flesh is not the same flesh, but that there is one kind of flesh of landmen and another of seamen; and it may be,

pitching in a most unusual manner in a cross-sea in the Atlantic. But there is the still more curious example of the naval camel-corps in the Nile Expedition, when the sailors, unseasoned to the disturbing movements of their ungainly steeds, experienced all the physical sufferings of the sea-sick. It was reported that the only way in which they could obtain relief was by binding a cummerbund tightly round the lower portion of the body, which, if true, contains a suggestion that may be valuable.

The remedial measures which have been suggested for the alleviation or prevention of sea-sickness are of many kinds, but practically they all fall under one or the other of four heads. First, there are the attempts made in the construction and design of vessels to keep them steady; secondly, the adaptation to the vessel of some apartment or contrivance, large or small, which will remain unaffected by her movements; thirdly, there are local appliances; and, lastly, patent medicines innumerable. In the first category, there are Captain Dicey's twin-hull Channel steamer, and the still better-known *Calais-Douvre*, designed by Mr. Andrew Leslie. In each case the vessel consisted of two parallel hulls, tied together by iron girders, with the paddles for propulsion between the hulls. Although to a certain extent the vessel built with this form was assuredly steadied, the success of the experiment was not such as to warrant any further development along this line. The Bessemer steam-boat was the earliest attempt on a large scale to supply a vessel with an apartment which should remain steady and preserve its vertical position, whatever the motion of the ship. Of the same character is the very ingenious invention of Mr. Beauchamp Towers, originally intended to secure a steady gun-platform. The Ross-Winans cigar-shaped vessel, and the *Connector*, a jointed steam-ship, are said to have given a certain measure of satisfaction to their designers, but it is by the use of the gyroscope that something more nearly approaching success has been achieved. The experiments made by Dr. Otto Schlick in a German torpedo-boat, which were described by Sir William White to the Institution of Naval Architects, appear, indeed, to have successfully obviated rolling. The principle of the gyroscope has been applied most usefully to the *materiel* of war,

and in the interests of peaceful travellers it is at least worthy of further trial. But, in the meantime, movable bedsteads, of which the hammock is the most ancient type, cots slung on gimbals, chairs hung from a ball-and-socket joint, and such appliances as the electric helmet invented by Dr. Kappmeier, will, in all but the worst cases, supply temporary alleviation.

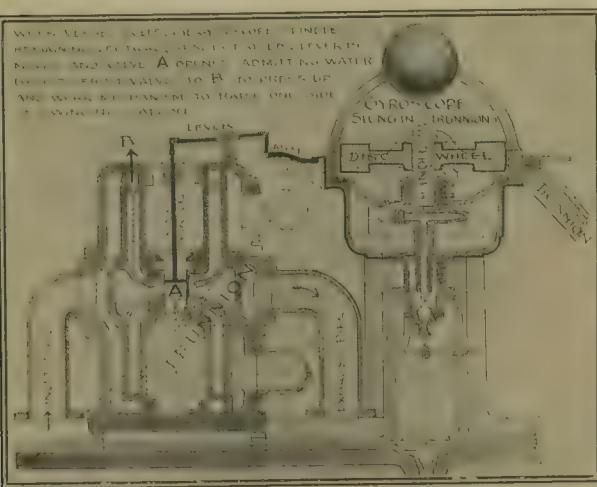


DECK A.—TROMENADES, LOUNGES, AND MUSIC-ROOM.
" B.—PROMENADES, REGAL SUITES, AND DOME OF SALOON.
" C.—PROMENADES AND GRAND DINING-SALOON.
DECK D.—GRAND DINING-SALOON.
" E.—STATE ROOMS.
" F.—BUNKERS AND ENGINES.

THE STEADIEST VESSEL IN THE WORLD: TRANSVERSE SECTION OF THE "LUSITANIA" BETWEEN THE THIRD AND FOURTH FUNNELS.

Design lent by the Courtesy of the Cunard Company.

therefore, that the latter feel the effects of being on an uneasy platform in a less or a different degree from those more unaccustomed to the motion of the ocean. Yet we are told that Nelson was himself a victim to sea-sickness in bad weather, and I have known the greater part of a battle-ship's company to be made very uncomfortable, to say the least of it, when the vessel took to



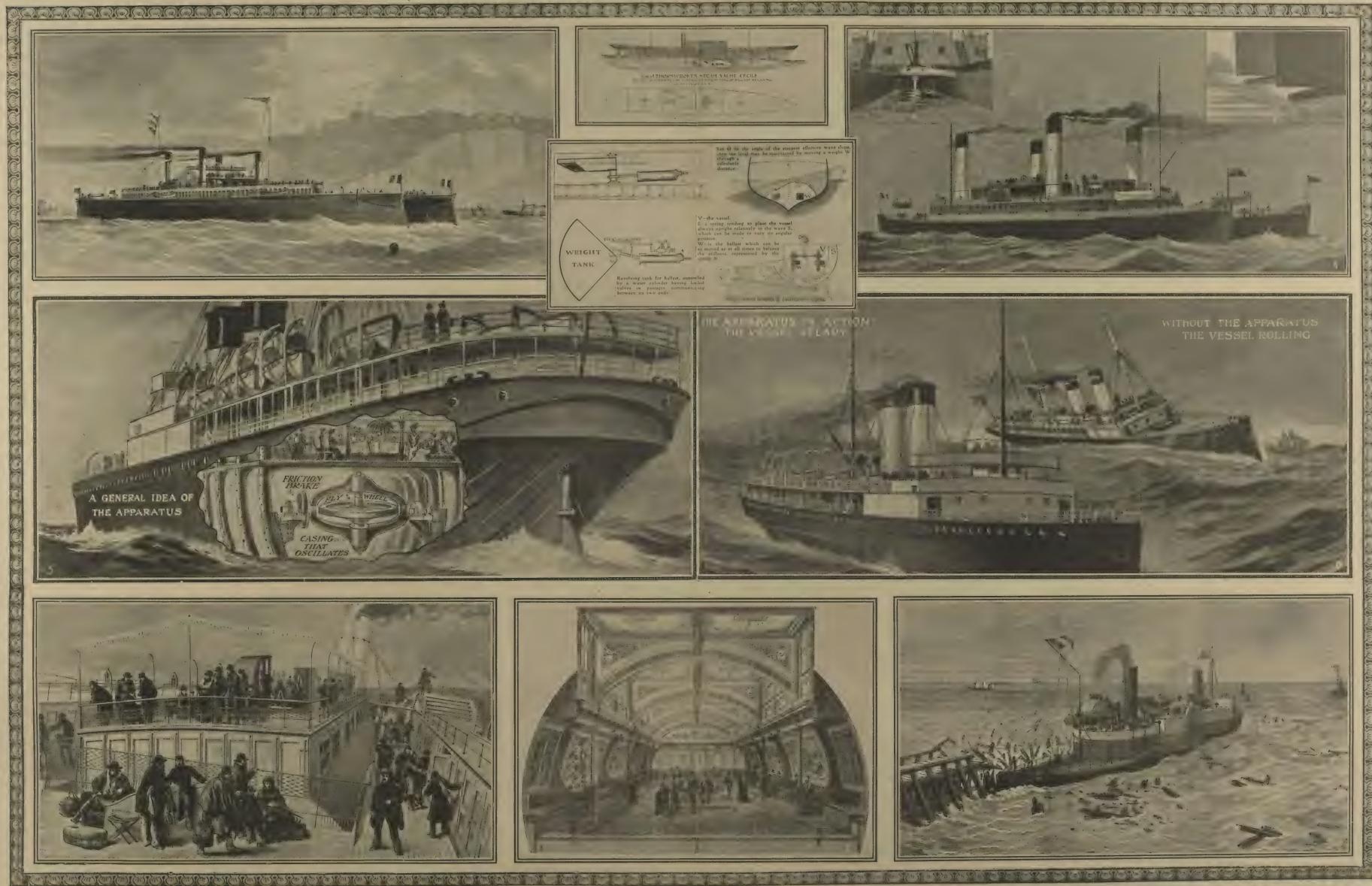
AN EARLY USE OF THE GYROSCOPE: THE COMPENSATION ADJUSTMENT FOR THE SALOON OF THE BESSEMER STEAMER.



THE FIRST GREAT ATTEMPT TO STEADY AN OCEAN STEAMER: THE "GREAT EASTERN." The length of the "Great Eastern" was 680 feet; the length of the "Lusitania" is 790 feet.

CAN SEA-SICKNESS BE PREVENTED? THE HISTORY OF ATTEMPTS TO PREVENT ROLLING IN STEAM-BOATS.

(SEE ARTICLE BY "AN OLD SAILOR" ON ANOTHER PAGE)



1. THE DICEY TWIN-HULLED CHANNEL STEAMER, 1873.

The vessel projected by Captain Dicey consisted of two parallel hulls connected by girders. The two hulls were thirty-five feet apart, and the paddles worked between them. The principle was suggested by the boats used in the Indian Ocean at Pointe de Galle, where the hull is steadied by a heavy log of timber supported on outriggers.

3. SPINNING A TOP TO STEADY VESSELS; DR. OTTO SCHLICK'S GYROSCOPE.

The hull is opened in the drawing to show the position of the gyroscope. This instrument, well known as a scientific toy, is a top spinning within a ring. Its peculiarity is that it will balance itself in any position. Made of great size, and driven by steam or electricity, it has been found most satisfactory for steadyng vessels.

7. A MOTIONLESS SALON: THE BESSEMER CONTRIVANCE FOR AVOIDING MOTION ON BOARD SHIP, 1875.

In a great well in the centre of the boat, Henry Bessemer hung the saloon. It rested on two pivots, fore and aft, and the swing was broadside. In consequence it was the vessel that swung, the saloon remaining vertical.

2 AND 3. SIR J. THORNYCROFT'S DEVICE FOR STEADYING HIS STEAM-YACHT "CECIL."

An oscillating ballast-tank, regulated by a hydraulic piston, vivifies its position according to the swing of the vessel with the wave to which it keeps the ship relatively upright. Sir John Thorneycroft has stated that he was successful in reducing the rolling by about one half, and if his experiments had been made with a ship of less metacentric height, even better results would have been obtained.

8. THE CABIN THAT COULD NOT ROLL: INTERIOR OF THE "BESSEMER'S" SALOON.

The saloon was steadied by the compensating action of two hydraulic rams, acting horizontally. Their function was not to impart motion to the saloon, but to regulate, relatively to the free hull, the "vis inertiae" of the swinging body—i.e., they received and compensated for the inert thrust of the saloon as the vessel rolled.

4. THE "CALAIS-DOUVRES" TWIN-HULLED CHANNEL STEAMER OF THE L.C. AND D.R., 1878.

Designed by Andrew Leslie. Each hull had the form of a perfect ship. The paddles were between the hulls amidships. The hulls were connected, as in the Dicey steamer, by iron girders. (A) Position of paddles. (B) The rudders of the "Calais-Douvres," easily controlled by one steersman.

6. THE EFFECT OF WAVES ON VESSELS WITH AND WITHOUT THE GYROSCOPE.

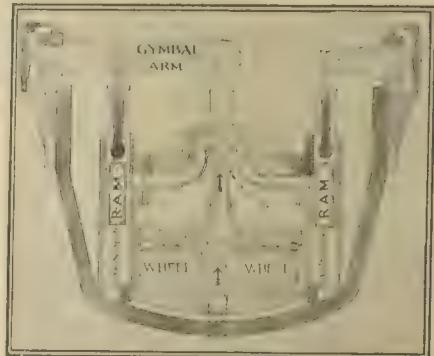
The ring of the gyroscope is hung on a horizontal axis at right angles to the line of the vessel's direction. The "top" spins on a vertical axis. The movement on the horizontal axis is controlled by a friction brake.

9. BAD LUCK FOR THE "BESSEMER" STEAM-BOAT: COLLISION WITH CALAIS PIER, MAY 8, 1875.

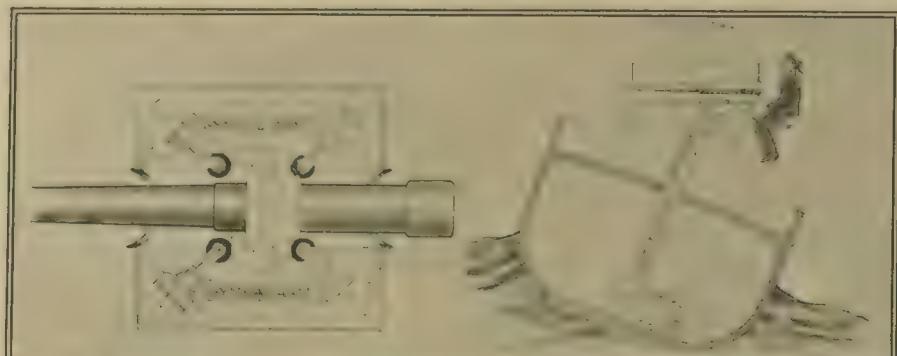
The "Bessemer" made her first run on May 8, 1875, with 200 passengers. The sea was smooth, and the hydraulic apparatus for keeping the saloon upright was not used; the saloon remained fixed. The vessel creomed to Calais in an hour and a half, and on coming into the harbour collided with the pier, splintering many yards of rotten timber. She was not herself much the worse.

PREVENTING SEA-SICKNESS BY MACHINERY: FURTHER DEVICES.

(SEE ARTICLE ON ANOTHER PAGE.)



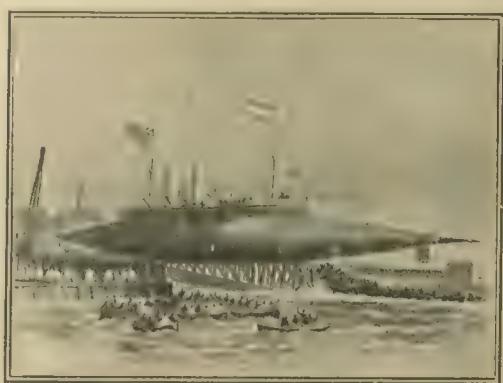
SECTION OF MR. BEAUCHAMP TOWERS' APPARATUS.



A STEADY GUN-PLATFORM IN A ROUGH SEA—THE BEAUCHAMP TOWERS DEVICE: (A) GROUND-PLAN OF GUN AND PLATFORM. (B) THE GUN STEADY IN A SEA-WAY.

A STEADY DECK IN A SEA-WAY: THE BEAUCHAMP TOWERS APPARATUS.

The gun and the man's seat are fixed to a platform set on a pillar rising from the vessel's deck. It hangs freely on gimbals, which are jointed to the pistons of four hydraulic ram cylinders, fixed to the ship. The height of the water in the ram cylinders varies with the roll of the ship, and the right compensation to keep the platform level is obtained by a jet of water thrown by a rapidly revolving wheel always parallel to the platform. The jet passes through the axis of the wheel and communicates with the rams by four passages, which receive the jet alternately as the ship rolls. The rams thus maintain the platform constantly horizontal. The inventor is not without hopes that his contrivance may be useful in averting sea-sickness.



THE CIGAR-SHAPED STEAM-YACHT "ROSS-WINANS," 1866.

The vessel was built at Millwall for the Imperial Yacht Club of St. Petersburg. The screw-shaft was on the axis of the cigar, and the vessel carried a propeller at each end. She was launched all complete in February 1866, on a specially constructed cradle.



THE ANTI-SEA-SICKNESS DECK-CHAIR.

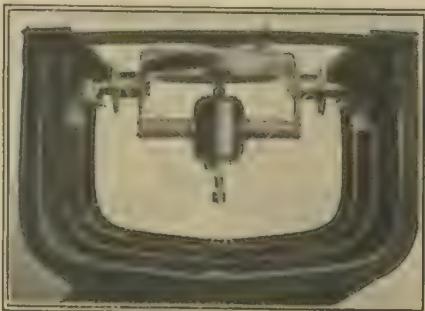
A small electric motor below the chair gives the seat short up-and-down movements. The chair was invented by Dr. Karl Brendel, and it was tested with very considerable success last year.

Photograph by courtesy of the "Scientific American."

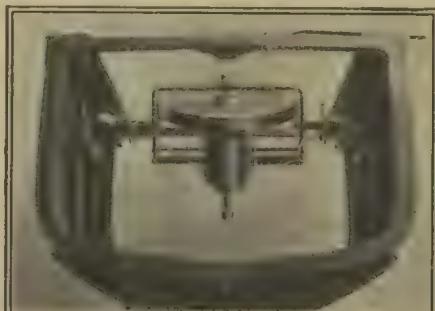


THE "CONNECTOR," A JOINTED IRON STEAM-SHIP, 1863.

The "Connector" was tried in the Thames in July 1863. She proved herself thoroughly seaworthy in heavy weather. All the sections are perfect ships, and it was intended that these should be detached with cargo just as a train sets down trucks.



THE GYROSCOPE HANGING VERTICAL.



THE GYROSCOPE CANTED AFT.



THE GYROSCOPE CANTED FORWARD.

THE TOP THAT SPINS TO KEEP A SHIP STEADY: DR. OTTO SCHLICK'S GYROSCOPE FITTED TO THE GERMAN TORPEDO-BOAT "SEEBAR."

Some time ago Sir William White described to the Institution of Naval Architects the gyroscope experiments of Dr. Otto Schlick on board the German torpedo-boat "Seebar." The gyroscope was hung amidships, and was driven by steam at 1600 revolutions per minute. In a rough sea the gyroscope successfully obviated rolling.



THE GYROSCOPE THAT KEPT THE "SEEBAR" STEADY. The horizontal three-foot fly-wheel, of which a simple form electrically driven is shown above, was contained within the pot-like case hung on a horizontal axis. On the "Seebar" the gyroscope was driven by steam.



THE VESSEL THAT PROVED THE GYROSCOPE'S UTILITY. The "Seebar" was formerly a first-class torpedo-boat of the German navy. Dr. Schlick reported that "the waves seemed to disappear under the vessel and she rose and sank with a gentle vertical motion, little or no spray coming on board."



AN ELECTRIC HELMET TO WARD OFF SEA-SICKNESS. The Kappmeier apparatus consists of a head-compress kept at a regular temperature by an electric current. The compression brings the blood back from the stomach, where it goes in the case of mal-de-mer, and so reverses the chief cause of the disorder.

TESTING THE WEIGHT-CARRYING POWER OF THE NEW RODAH BRIDGE AT CAIRO.



1. THE NEW BRIDGE ACROSS THE NILE TO THE ISLAND OF RODAH, WHERE TRADITION SAYS THAT MOSES WAS FOUND IN THE BULRUSHES.

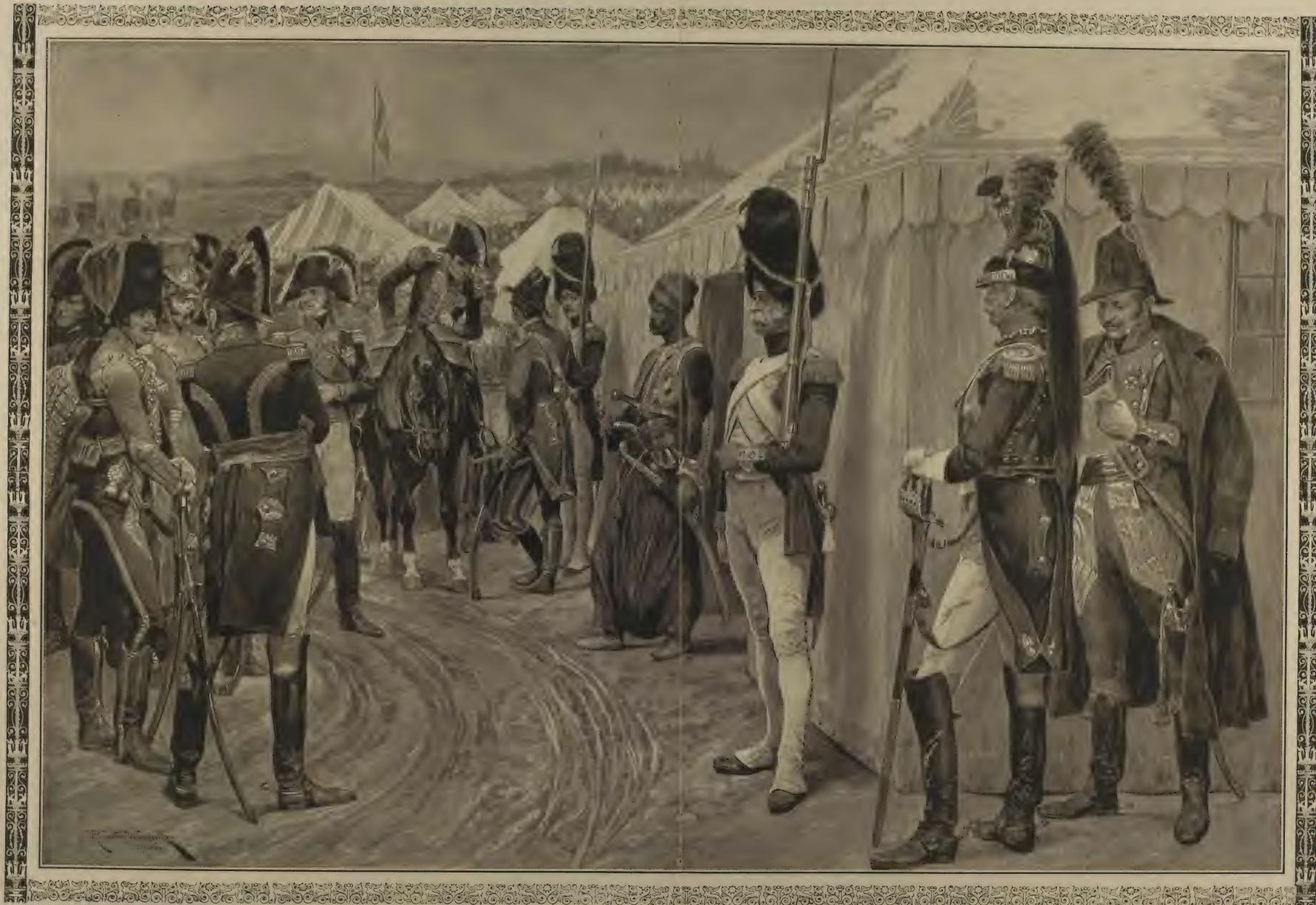
3. VERY HEAVY TRAFFIC AT REST ON THE BRIDGE: THE OFFICIAL TEST OF THE STRUCTURE.

2. THE SWINGING PART OF THE NEW BRIDGE OPENED TO LET VESSELS PASS.

4. HEAVY TRAFFIC IN MOTION TO TEST THE STABILITY OF THE NEW BRIDGE.

The largest bridge at Cairo has just been completed after three years' work. The Rodah Bridge is 1740 feet long, and 65 feet broad. There are fourteen spans and a turning span of 209 feet. This is swung by an electric motor, and when opened it gives a clear 70 feet on either side for the passage of vessels. At the official test on October 9 every square yard of the bridge was subjected to a weight

of 400 lb. In order to give this weight the footpaths were piled with sand. Twenty tram-cars loaded with cement, twenty-four water-carts, twenty dust-carts filled with sand, and eight traction engines were on the bridge the whole day, and were kept stationary over each span while the deflection was noted. The whole of the huge traffic was then driven at full speed across the bridge.



HE WHOM NONE MAY DISTURB: NAPOLEON'S SECLUSION IN HIS TENT THE DAY BEFORE LEIPZIG.

FROM THE PAINTING BY R. CATON WOODVILLE

The Battle of Leipzig was fought on October 16-18, 1813. The historians are divided as to the causes of Napoleon's defeat. It is believed by some that he was seriously ill, and it is said that he remained in his tent the two days immediately preceding the battle, refusing to see anyone. Crowds of aides-de-camp with important dispatches waited feverishly for hours outside the tent of the Emperor, but no one dared enter. Mr. Sloane, while admitting that Napoleon was somewhat apathetic, says that the evidence is against his serious illness. The fact remains, however, that his dispositions were not made with the usual care, and that he was out-generalled.

THE POWER OF THE RAILWAY MEN SHOULD THEY STRIKE.

PERCENTAGE OF AMALGAMATED SOCIETY MEN AMONG RAILWAY SERVANTS.



ALL THE TYPES OF RAILWAY SERVANTS.

The figures on the photographs are based upon a statement by Mr. Albert Fox, General Secretary of the Associated Society of Locomotive Engineers and Firemen. They show the proportion of members of the Amalgamated Society of Railway Servants, to railwaymen

FORCES NOW IN THE FIELD SINCE ALL THE SOCIETIES UNITED.		
Amalgamated Society 100,000	Pointsmen and Signalmen ... 3,000
Engine Drivers and Firemen ...	13,000	Railway Clerks ... 10,000
General Railway Workers' Union ...	8,000	Telegraph Clerks ... 500
TOTAL		134,500.

employed at the time when the all-grade movement was introduced. Since these percentages were compiled, all the railway societies have united, and the companies have, therefore, to face a much more powerful army in the event of a strike being proclaimed.

MOVING SPECTACLES FROM BOTH HEMISPHERES.



BEAUTIFUL RESIDENCES TURNED INTO SHOPS IN VAN NESS AVENUE.



ONE OF THE FINEST HOUSES, HOBART MANSION, NOW THE CITY OF PARIS EMPORIUM.

MILLIONAIRES' HOUSES TURNED INTO SHOPS: A CURIOUS FEATURE OF THE REBUILDING OF SAN FRANCISCO.

While San Francisco is in course of being rebuilt, business is being carried on in houses that were formerly the residences of millionaires. The Hobart Mansion, for example, is now the great City of Paris Emporium. It has superb marble staircases and stained-glass windows. There is a great exhibition of furniture in the former reception-rooms. In Van Ness Avenue temporary shops have been built of wood in front of the houses, and the effect is not unlike some parts of Marylebone Road.



THE MOVING MOUNTAIN SEEN FROM THE ROUTE DE L'ESCRINÉE (ARDÈCHE).

THE MOVING MOUNTAIN AND THE DÉBRIS IT IS SWEEPING DOWN.

A MOVING MOUNTAIN: AN EXTRAORDINARY PHENOMENON IN THE PYRENEES.

The Montagne de Béches in the Commune of St. Etienne de Boulogne has been dislodged by floods and is slowly moving down the valley. More than a million cubic metres of earth have been displaced, and a river has been turned from its course. Extensive works will be necessary before the roads in the district can be used again.



PRESIDENT KRUGER'S DESECRATED GRAVE.
On October 18 it was discovered that President Kruger's grave in Pretoria Cemetery had been desecrated. The white marble bust of Mr. Kruger had been torn from its pedestal and was lying on its face a yard away from the foot of the grave. A statuette of an angel on the tomb of Mr. Kruger's grandchild had also been knocked from its pedestal.



THE COVERED COURTS LAWN-TENNIS CHAMPIONSHIPS AT QUEEN'S CLUB: OPEN DOUBLES.
The Covered Courts London Lawn Tennis Championships were played for last week at the Queen's Club. The competitors in the photograph are R. F. Doherty and G. M. Simond, against G. W. Hillyard and N. E. Brookes. The open doubles final, played on October 19, resulted in the victory of Doherty and Simond (6-4, 6-4, 3-6, 6-1). The game was particularly brilliant, and attracted a splendid audience. Brookes found the wooden courts rather fast, and though he served in good style, he had not the accuracy and judgment of his great opponent, Doherty.

A CURIOUS PHOTOGRAPH OF A MILLIONAIRE'S PLEASURE-YACHT.

PHOTOGRAPH BY UNDERWOOD AND UNDERWOOD.



MR. PIERPONT MORGAN'S YACHT IN THE CORINTH CANAL.

The yacht between the high banks of the canal across the Isthmus of Corinth presents a most remarkable appearance. Some time ago the canal excited considerable public interest, as it was put up to auction, owing to financial difficulties.

"THE SECRET FEAR."

In a recent issue of a well-known London publication a writer deals with the "secret fear" of getting fat, which possesses every woman at some period or other of her existence. "None of them escapes," says he. "Be they never so sane, sooner or later the shadow becomes substance, and they succumb. They see a stout woman in the street, and suddenly see themselves getting stout like her. With a shudder they determine to starve—and do so, until their dresses require to be altered. Such is the feminine fear of getting fat."

How this dread of the "Boegey Embonpoint" preys upon the minds of many women—and not a few men—we all know. But it is amazing that, with such a reliable and pleasant and harmless treatment as the Antipon treatment ready to hand, so many stout persons should allow the tendency to get fat—the tendency which, in fact, constitutes the disease of obesity—to get a grip upon the constitution. The old-fashioned remedies and treatments for obesity never destroyed that tendency, however much the partial starvation and dangerous mineral drugging they generally entailed may have reduced the weight. A few, rational, satisfying meals taken, and the fatty excess would show prompt signs of re-development. Now, Antipon, without the aid of drugs, and without any unpleasant dietary limitations, does most undoubtedly eradicate the distressing tendency to run to fat, whilst at the same time rapidly reducing the excessive avordupois. Wholesome food without stint is an essential part of the Antipon treatment. For this reason strength and vitality gradually return with every day's treatment. When correct natural proportions are restored the cure may be regarded as absolutely

permanent, and the subject is thoroughly healthy, full of energy and life, the skin clear, and the complexion radiant with health.

Antipon possesses great tonic properties, having an especially beneficial effect upon the digestive system. It gives a keen appetite, and promotes digestion and assimilation, so that nutrition is perfect. The blood, enriched by plenty of wholesome, well-digested food, is free from the floating fatty matter which, in cases of obesity, is deposited in the muscular fibre, rendering the limbs and muscles flabby and unshapely. Antipon, so to speak, rebuilds the whole body on lines of beauty and grace, and on the foundation of health and strength. Altogether, the treatment is unique, and hundreds of grateful men and women have given voluntary testimony to its remarkable fat-absorbent and health-restoring virtues. These letters of thanks and praise may be seen by anyone so disposed at the offices of the Antipon Company.

The "secret fear" of getting fat is generally prompted by aesthetic considerations, and the danger to health—and even to life itself, sometimes—is little dreamt of. But the danger is no less real, owing to the excess of fat, which clogs the vital organs, and hinders their free, healthy action. This internal excess of fatty matter is all eliminated by Antipon, and the consequent effect on the general health is supreme. Palpitation of the heart ceases, and breathing becomes easy. Antipon is a refreshing liquid, containing no trace of any mineral substance. It can be taken at any hour, and never produces any unpleasant after-effects.

Antipon is sold in bottles, price 2s. 6d. and 4s. 6d., by Chemists, Stores, &c. ; or, should any difficulty arise, may be had (on sending amount) post free, privately packed, direct from the sole manufacturers, The Antipon Company, 13, Olmar Street, London, S.E.

EDITORIAL PRAISE OF ANTIPON.

The "Illustrated Sporting and Dramatic News" in its issue of August 31st, says—
"I must say a good word for the Antipon cure of obesity, which I have reason to know has come off satisfactorily in a long-standing case. The advantage of this system is that it asks nothing in the way of sacrifice from the patient. Of irksome dietary restrictions there are none. Thus, it is totally opposed to old-time remedies that starved the body into thinness and general debility. Antipon assists digestion and assimilation, and, therefore, nutrition is normal. There is a steady daily reduction until natural proportions and correct weight are permanently restored. By that time the subject will be so far improved in health and strength as to rival a healthy youth in physical and mental energy, and in enjoyment of wholesome outdoor recreations. Being a liquid, agreeably tart and refreshing, Antipon is both pleasant and easy to take."

The "Weekly Dispatch" in its July 26th issue says—

GREAT CURE FOR OBESITY.

Excessive fatness is an evil which makes life a misery to countless men and women who have, as they despairingly exclaim, "tried everything," without avail. But if they have not tried Antipon they have certainly not "tried everything," for they have omitted the one remedy which will effect a really permanent cure in every case where the simple and pleasant course is consistently followed. When normal weight and symmetrical proportions are restored, the doses cease, as the disheartening tendency "to put on flesh" is destroyed. Within a day and a night of the first dose there is a reduction of 8 oz. to 3 lb., and then a daily diminution, until complete cure. The tonic effects of Antipon are remarkable. It restores a healthy appetite, and as it requires the assistance of strengthening food in plenty, the effect upon the general health is wonderfully beneficial. A course of Antipon gives back health, vitality, and beauty, however long-standing the obesity may have been. Antipon is purely herbal in composition, refreshing to the palate, and entirely harmless. Briefly put, it is a perfect home treatment for the sure cure of corpulence."

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"THE TOUCH OF A VANISHED HAND."

THOUGH it is unfortunately not generally realised among us, it is nevertheless a fact that the born naturalist is a great race-benefactor, and we should be proud to remember that Great Britain has produced more prodigies of this kind than any other nation. Gilbert White, Charles Waterton, Richard Jefferies, Frank Buckland, are names which are held in honour among us—to mention only a few. And the mantle which they successively wore fell at last upon the shoulders of Charles Cornish, who, to our joys joined the circle of these venerated ones but a little more than twelve months since. Those who fell under the spell of his charming essays on all things pertaining to wild life will therefore welcome, with a sad pleasure, a volume of collected papers from his pen which has been issued by Messrs. Longmans and Co., under the title of "Animal Artisans." They contain some of the best things he ever wrote, and are prefaced by a short memoir by his widow which all will be glad to have; for it is both gracefully and judiciously written. Had another hand essayed this task, indeed, more words of praise would probably have found a place therein, and these would have been superfluous. This book will be appreciated as a rare gift by many who are now scattered far and wide over the world, for the number of his admirers was legion, while the rising generation will find in its pages a permanent delight. Containing no fewer than thirty-six chapters, in addition to the memoirs to which we have referred,

it would be impossible, within the space at our disposal, to give an adequate summary of the contents of this book. Suffice it to say that they are delightfully varied, containing essays on such themes as "Canary Culture," "The Mind of the Gardening Ant," "The Simple Life,"

THE SHEEP-EATING KEA.

TO the many theories put forward in a recent issue upon the origin of the meat-eating tastes of the New Zealand wild parrot, none, it would now appear, was quite accurate. Indeed, many people who are very familiar with the Kea, as the bird is colloquially called, have never heard of the fungus which we described. Now, too, a much simpler explanation is forthcoming.

It is the custom in New Zealand, as everywhere else in Australasia where there are vast sheep-runs, to throw fleece downwards on the ground, or over the strands of a wire fence, the pelts of sheep that have been killed, so that the interior surface may be thoroughly dried. Usually, too, the entrails from the sheep are pitched on to this, whereby small portions of intestinal fat cling to the pelt. The pelts so exposed stimulate the birds to search for insects in the wool, when the scraps of fat attracted their attention and gave a zest to their palate, so that the wild parrot ultimately developed a taste for the meat. The reason that he always attacks the kidneys is because experience has shown him that kidney fat is the least protected, and he pecks until he gets his beak into the cavity. No other explanation is known among the run-holders in New Zealand, where keas existed in large numbers before anything was heard of "vegetable sheep." ANGUS HAMILTON.



A THOUSAND BANKERS IN BATH-CHAIRS: THE GREATEST MEET ON RECORD OF AMERICAN FINANCIERS.

During the recent convention of the American Bank of Association at Atlantic City the business meetings of the society proved less attractive to the delegates than the fascinating roller-chairs, clambakes, banquets, cake-walks, and excursions.

The convention was really opened with a roller-chair parade.

"The Fear of Man," "Bulls and Bull-Fights," and the "Fauna of the Railway."

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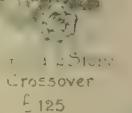
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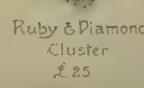
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course, also instantly be used as an ordinary pianoforte, and as such the ten various models afford an unprecedented choice from all the best and noblest instruments of modern times, all with exquisite tone and the durability of a rock. Every "Autopiano" has metal tubes and standardised parts, and is guaranteed for ten years. Its repertoire of music-rolls covers practically the world's music—over 20,000 different compositions, and an extensive lending library is open to all "Autopiano" owners, the music-rolls costing only about the same as printed music. Unused and old pianos of any make are accepted in exchange, full value being allowed; the prices of the Autopianos range from 68 gns. upwards for cash or deferred payments.

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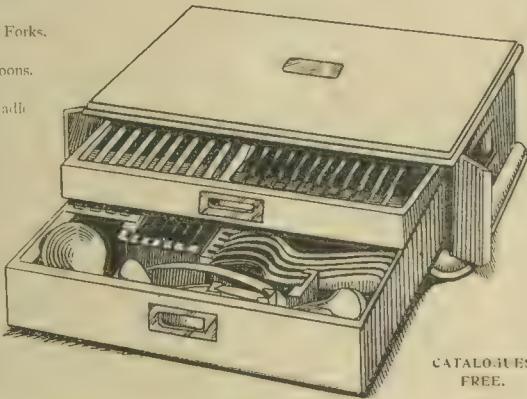
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Mothers should early realize how essential good health is for the success of their child in after life. A badly nourished baby generally means an undersized child, wanting in stamina and vigour. If unable to nurse your baby, you must give the substitute that most closely resembles human milk. No farinaceous or starchy food or unmodified cow's milk is permissible to a child under 6 or 7 months of age. The "Allenburys" Milk Foods are so prepared as to remove the difference between cow's milk and human milk, and they are as easy of digestion as the natural food of the child.

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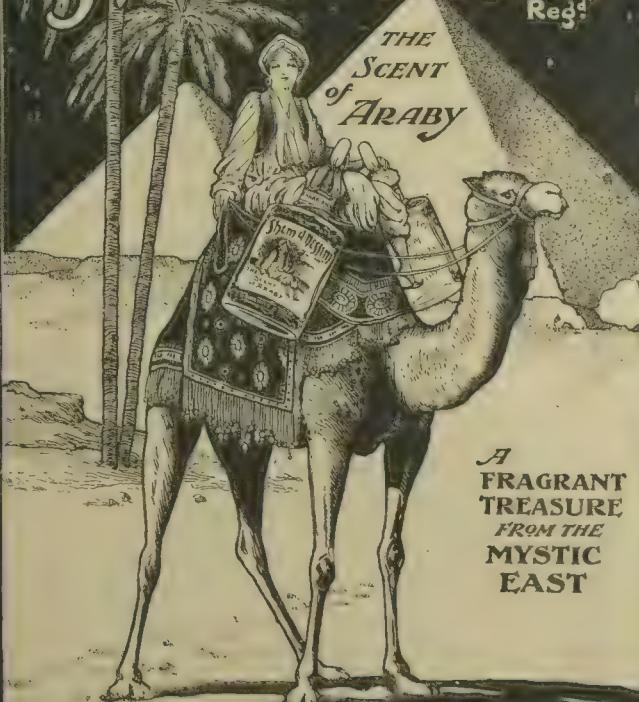
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THE CHRONICLE OF THE CAR.

QUITE a surprise was in store for those who attended the Lewes Quarter Sessions on Tuesday, 15th inst., to hear Mr. D. M. Weigel's appeal against the very severe sentence of one month's imprisonment inflicted upon him by the Hayward's Heath Bench some time previously. It was generally believed that Mr. Weigel could put up a most excellent fight, and produce testimony as to his innocence which would convince all but the most prejudiced. However, the counsel for the prosecution opened with a suggestion that a fine of £50

the coming Exhibition, have been much alarmed at the prospect of a heavy fall in second-hand prices. I trust these people will ignore the scare-mongers, who take thought for nothing but head-lines and sensation, and will take it from this writer that for this year, at least, there will be no sensational price-cutting in connection with motor-cars.

Our Sovereign Lord the King has just taken delivery of his sixth motor-car. I do not, of course, suggest that his Majesty received his latest Daimler at the front-door of Buckingham Palace. Our good

King may be as enthusiastic as most of us on the subject of motoring, but the weighty cares of an Empire can, worse luck! leave him no

later his Majesty became possessed of one of the trusty old two-cylinder Daimlers, but this was subsequently purchased by Lord Hastings. Since then the King has bought six more Daimlers—an example to the moneyed people among his subjects.

On every hand I see signs and hear that the trend of the public taste is away from the unduly powerful and towards the medium-powered car. Engines of 40-h.p., 60-h.p., and 90-h.p. can be used with effect upon the long, straight, bare roads of France, but to buy them for use in this country is sheer waste of money. On average English roads they are slower, a good deal slower, than lower-powered cars. In the disconcerting traffic of the City and the outlying suburbs this will be found to be particularly the case. Consider a run from the West End to Bromley, for instance: a handy, smart car like the 15-h.p. Talbot would finish many minutes in front of a 60-h.p. car at much less cost and with infinitely less worry in the driving. Even in long runs-out on such roads as London to Worthing, twenty minutes would not separate the cars at the coast.



THE RECORD FLIGHT FOR AN AEROPLANE: MR. FARMAN'S MACHINE.

Mr. Henry Farman has made the record flight of 285 yards with his aeroplane, beating M. Santos Dumont's best performance by about sixty yards. The aeroplane has three wings of the box-kite pattern. The propeller is worked by a 50 h.p. Antoinette motor. The screw is a steel frame covered with canvas. Its diameter is a little over six feet. The machine weighs over half a ton.

and payment of all costs, together with loss of license for fifteen months, would meet the ends of justice. To this, doubtless to be relieved of the worry of the whole thing, Mr. Weigel, through his counsel, Sir Charles Mathews, K.C., assented; but in the end the Bench, returning to the court, decided to hear the appeal. Of course, neither Sir Charles Mathews nor Mr. Lowe, counsel for the prosecution, would then proceed under such Gilbertian conditions, and an adjournment was insisted upon. Mr. Weigel is therefore to be kept upon the rack until next January.

* * * * *

There are all sorts of wild-cat rumours going the rounds with regard to slump, price-cutting, and the like, and many writers dealing with motoring subjects in the columns of lay journals have seized upon such reports and thrown them up in high relief. Many owners of good cars, intending them for sale in the beginning of the year, and contemplating an order for a new car at

time for such enthusiasms. The fact that the royal motor stud is now so numerous is in interesting contrast to the fact that it is only ten years ago, come Nov. 27, as the old folks say, that King Edward took his first ride on a motor-car. This trip was made in one of the early Daimler cars, in the grounds of Buckingham Palace, and the King—Prince of Wales at that time—drove the car during the run. Two and a half years



M. SANTOS DUMONT DUCKED WITH HIS HYDROPLANE.

Last week, when M. Santos Dumont was taking out his hydroplane for a trial run, he made a false step and fell into the water. A large crowd of spectators who had assembled to see the experiment witnessed the aeronaut's ducking. M. Dumont gave up the trial of his hydroplane for the day.

TO EGYPT SUNSHINE & REST IN 4 DAYS

3 DAYS SEA PASSAGE
BY THE BEAUTIFULLY APPOINTED
BRITISH TURBINE STEAMERS, 12,000 TONS
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DEC. 21.	"
" JAN. 4.	VIA NAPLES.
" JAN. 18.	" "
S.S. "CAIRO" JAN. 25.	" "

AND WEEKLY THEREAFTER.

THROUGH TICKETS ISSUED FROM LONDON TO CAIRO AND THE SOUDAN.

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How to keep the Breakfast Hot

The illustrations shewn are two of the extensive selections of Breakfast and combined Breakfast and Entree dishes manufactured in Welbeck Plate, which is guaranteed to wear equal in every way to solid silver for over 40 years.



No. 6736. HOT-WATER BREAKFAST DISH, with reversible cover, which can be used as a separate Dish. Welbeck Plate, 10½ in, long £3 10 0

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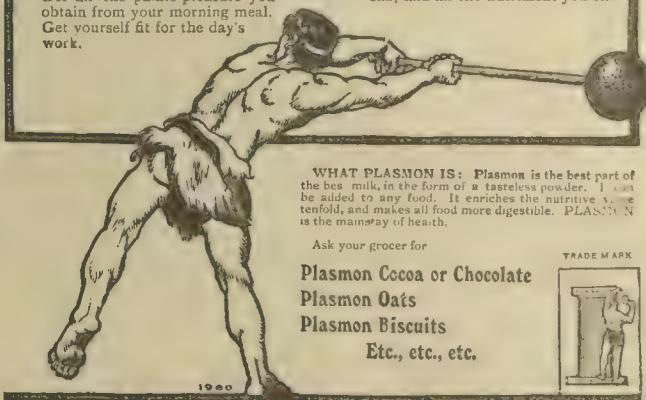
You are invited to send to-day for the Company's large and handsome Catalogue of Welbeck Silver Plate, Electro-Plate Cutlery, Jewellery, Dressing Bags, etc., which will be sent post free to any part of the globe.

The Best Morning Meal

The breakfast that tastes good is apt to be the best. A good appetite helps. With PLASMON COCOA as the morning drink, and PLASMON OATS, you are sure of a splendid breakfast. Appetising, nutritious and easy to digest. There are no husks, as with all other oats.

PLASMON COCOA & OATS

Therefore, begin the day with these two special PLASMON preparations. Get all the palate pleasure you can, and all the nutriment you can. Get yourself fit for the day's work.



WHAT PLASMON IS: Plasmon is the best part of the best milk, in the form of a tasteless powder. It can be added to any food. It enriches the nutritive value, and makes all food more digestible. PLASMON is the mainstay of health.

Ask your grocer for
Plasmon Cocoa or Chocolate
Plasmon Oats
Plasmon Biscuits
Etc., etc., etc.



Delightful Shave It

Greater luxury and ease in shaving than that afforded by the "Erasmic" Shaving Stick is impossible. The British and Best soap, which yields a free, creamy lather, and

DOES NOT DRY ON THE FACE.

A 1- stick will last a twelvemonth.

Obtainable of all Chemists and Hairdressers.

A SAMPLE STICK (for 50 shaves) sent post free on receipt of three postage stamps.

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SHAVING STICK

THE AITCHISON HIGH POWER "DAY MARINE" PRISM GLASSES.



No. 12,	MAGNIFICATION 12 DIAMETERS,	£7 10 0
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OUR NEW SCHEME.

We will allow a reasonable price for Prism or other Field Glasses in part payment.

WITH CENTRAL FOCUSSING MOTION, £1 extra each glass. MONOCULAR (Single-Tube Glasses), half these prices. Parcel Post Paid to any part of the World.

THE "NIGHT MARINE," same Model, MAGNIFICATION 9 DIAMETERS, £6 10 0

With Central Focussing Motion, £1 extra.

THIS IS THE MOST SUITABLE GLASS FOR TOURISTS.

ALL ABOVE GLASSES FITTED WITH IRIS DIAPHRAGMS.

IMPORTANT UNSOLICITED TESTIMONY.

Mr. JOHN AMMUNSON, Government Timber Expert, Makatote, Auckland, New Zealand, says: "I have never had a better Prism Glass. Magnification 12 diameters, central focussing motion, and a wide field of view. I have had several glasses, but this is the best I have had. I would like to show to some of my colleagues a specimen of the glass and the case." Mr. S. RATCLIFFE, Riversmeet House, Topsham, S. Devon, England, writes: "I have had a prism glass for some time now, and the central focussing motion is very satisfactory. Will you please send me a sample of your glass?" Mr. J. C. COOPER, Finsbury, London, says: "I have had a Monocular you sent me is very satisfactory. Will you please send me a sample of your glass?"

AITCHISON & CO., Opticians to British and United States Governments, 12, Cheapside; 428, Strand; 281, Oxford St.; (Between Bond St. and Oxford Circus) 47, Fleet St.; 46, Fenchurch St.; 14, Newgate St.; and 6, Poultry, LONDON.

Also at 37, BOND STREET, LEEDS.

Write or Call for Illustrated Pamphlet giving "The Secret of the Day Marine."

ECCLESIASTICAL NOTES.

THE Bishop of Carlisle has appealed to Liverpool citizens to mark their sense of pride in the *Lusitania's* record voyage by subscribing generously to the Seamen's Orphanage. "Without the help given by Atlantic passengers through concerts on board ship," said Dr. Diggle, "it would be difficult for the Orphanage to carry on its work. I urge you to turn the great event of the *Lusitania's* record-making voyage to practical account, for it is a universal and inexorable law that every emotion that passes through the conscience of man leaves the man worse than it found him unless it is turned to practical account."

Canon Stuart has taken formal leave of his attached congregation at St. Matthew's, Bayswater. Presentations were made at a public meeting in the Church Room, and the churchwardens and other speakers bore testimony to the value of Canon Stuart's ministry. He is now in residence at Canterbury, where his preaching attracts crowded congregations.

The Bishop of Newcastle has opened his first bazaar in his new diocese, in aid of the Tynemouth Y.M.C.A.

Photo, Topical
THE BOER SEAL AT AUCTION,
TO WHOM SHOULD IT BELONG?

The Seal of the former Boer Republic was put up to auction last week at Messrs. Knight, Frank, and Rutley's, but was withdrawn at the request of the authorities. The question has been raised by the Colonial Office as to whether the Seal should not be the property of the Government.

He spoke warmly in praise of Bible classes as a means of gaining church members. When he was appointed Vicar of Aylesbury thirty years ago there were only 136 communicants on the first Easter Sunday, but on the last Easter Sunday before he left there were 500. He attributed that gratifying result to the establishment of Bible classes in the town.

The late Canon Feilden, who passed away at Chester on Sunday, Oct. 13, at the age of seventy-nine, will be greatly missed by the Cathedral staff, and by a wide circle of friends in the diocese. He belonged to an old Lancashire family, and was educated at Christ Church, Oxford. In 1873 he was made an honorary Canon of Chester Cathedral, and in 1888 was appointed a residentiary Canon.

OPINIONS OF CELEBRITIES.

It is a trite saying that "Self-praise is no recommendation." The truism is peculiarly applicable in the case of a food or a tonic. Sanatogen, the tonic food, it will be seen, does not base its claims on mere statements, but on the broader and more substantial foundation of public approval. Sanatogen has won the endorsement of thousands of physicians and of people of the highest standing, well known in the community, whose testimony, therefore, is unimpeachable.

"WHITEHALL COURT, S.W.,

"18th May, 1907.

"My experience of Sanatogen has been that as a tonic nerve food it has on more than one occasion done me good."

Helen Caine

Sanatogen is not merely a wonderful tonic, it is a scientific combination of pure milk albumen with glycerophosphates. Owing to its composition, it nourishes the system whilst toning the nerves and stimulating the brain. In fact, it gives to body, brain, and nerves their essential food in precisely the form in which it is the

As Rector of St. Andrew's, Lower Bebington, he carried out important restoration work.

Bishop Lander has taken leave of his congregation in St. Silas' Church, Toxteth, Liverpool, and will soon enter on his duties in the immense diocese of Victoria, South China, which has a population of 90,000,000 souls. In his farewell sermon the Bishop said—"There will be no real work done in China unless the English-speaking people pray on our behalf." He added that the Bible Society had last year circulated over a million copies of the Scriptures in the Chinese language, and that three out of the eighteen Viceroys had given orders that the Christian Bible should be taught in all the schools.

The *Guardian* publishes a full report of the Bishop of London's sermon at the centenary of the American Church. The greatest danger of the Church on both sides of the Atlantic, said Dr. Ingram, "is worldliness. . . . Only a Church whose weapons still are faith and hope, and love and prayer, can hope to win the world."

Silver

wedding

gifts

have

been pre-

sent

to the

Bishop

of Peter-

borough

and

Lady

Mary

Glyn

by the

clergy

and laity

of the

diocese.

The Bishop

was pre-

sent

with a gold

pectoral

cross,

and Lady Mary Glyn with a gold ring. Accompany-

ing these were portraits of their children.



(Photo, Halftones.)
THE REPUTED RELIC OF THE TRUE CROSS:
THE CROSS-SHAPED CASKET.

The casket, which was said to contain part of the wood of the Cross and one of the nails, was the cause of a lawsuit between Mrs. Angelica Fachis, the wife of a Greek civil engineer, and Mr. Robert de Rustafjell, the archaeologist. The Cross was found by Mr. Fachis in a subterranean chapel, and it was entrusted to Mr. Rustafjell. The plaintiff claimed that the defendant should have either paid £775 for the Cross or returned it within a certain time, and further alleged that the casket produced in court was not the original. Mr. Cecil Smith, of the British Museum, pronounced the casket a forgery and the inscription to be quite unmeaning and impossible Greek. The jury found for the plaintiffs, but the Judge expressed his entire disapproval of their verdict, and stay of execution was granted pending an appeal. The Bishop was presented with a gold pectoral cross, and Lady Mary Glyn with a gold ring. Accompanying these were portraits of their children.

The Rev. E. N. Powell, who has accepted the Bishopric of Mashonaland, has lived in the East-End for fifteen years, and has done valuable work as Vicar of St. Stephen's, Upton Park. He has shown much interest in foreign missions, and has served as Chairman of the Junior Clergy Missionary Association. Mr. Powell is a fine athlete, a good swimmer, and a skilful oarsman, cyclist, and tennis-player. V.



Dowager Empress. King of Greece. The Queen. King of Denmark.
THE QUEEN, WITH HER SISTER AND BROTHERS, AT THE VILLA HVİDØRE.
The photograph, which was taken at the Queen's new residence at Copenhagen, is of her Majesty and her guests, her brothers, the King of Greece and the King of Denmark. The Villa Hvüdore is the joint property of her Majesty and her sister, the Dowager Empress of Russia.

most readily assimilated. As a consequence of these special virtues, Sanatogen is singularly beneficial in cases of nervousness, dyspepsia, anaemia, and sleeplessness, and wherever a really reliable body and nerve builder is required.

Miss Irene Vanbrugh, the popular actress, says of it—

"DUKE OF YORK'S THEATRE.

"I have very great pleasure in telling you that I find Sanatogen more than justifies the very high reputation it has already gained. It is quite the best preparation I have ever had brought under my notice, and I shall certainly recommend it to my friends."

Irene Vanbrugh.

Sanatogen is a powerful restorative and recuperative for the invalid. It can be borne by the weakest stomach, and when everything else is rejected Sanatogen can be given with perfect safety. Not only the invalid, but the healthy person also will find Sanatogen of great value as a means of maintaining bodily and mental vigour. It is proved to be highly effective when either mind or muscle is called upon to put forth an extra effort.

Thus, Mr. Cyril Maude states his experience—

"THE PLAYHOUSE,
NORTHUMBERLAND AVENUE, W.

"I have found Sanatogen quite wonderful. My father also has derived great benefit from it. I often take it now during the performance, when I feel rather done up."

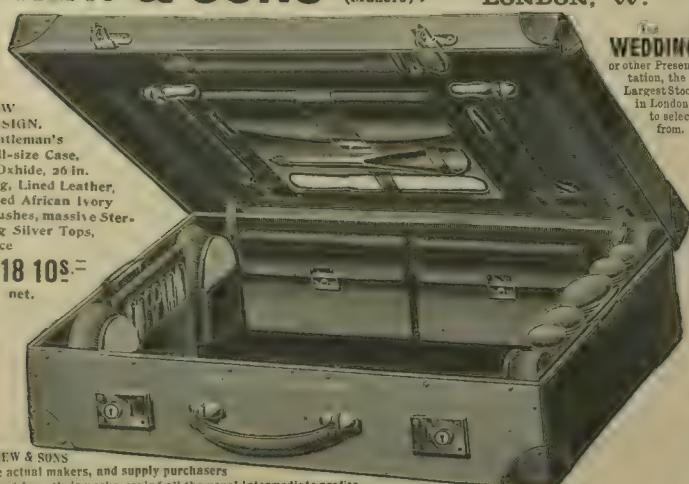
Cyril Maude

When in need of a tonic, or when not enjoying that feeling of well-being that denotes perfect health, one should at once take a course of Sanatogen. It is pleasant to take; it refreshes the mental powers, invigorates the system, and restores buoyancy and elasticity. It makes a joy of living. Sanatogen is sold by all Chemists in Packages, 1s. 9d., 2s. 9d., 5s., and 9s. 6d.

An engrossing booklet that throws a flood of light on a matter of vital importance to our well-being is entitled "The Will to Do" from the graphic pen of the well-known medical writer, Dr. C. W. Salevy, F.R.S.E. A copy will gladly be sent post free on application by letter or postcard mentioning *The Illustrated London News*, and addressed to the Sanatogen Company, 83, Upper Thames Street, London, F.C.

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And 25, OLD BOND STREET, W.

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* Also packed in our patent vacuum sealed tins, which preserve their taste under all conditions.

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Made by PEEK, FREAN.

Fly to your Grocer and get a supply.



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A Purchaser writes—

I tried the dullest blade I had this morning, and in a few seconds it had a perfect edge, giving an absolutely clean and easy shave. I am glad I have not thrown away my old blades.



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MANUFACTURERS
OF SAFETY RAZORS
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Sporting, Shooting, Fishing, Golfing, Motoring.

THOUSANDS of these patent holders are in use. They are indispensable to all who shave with the Gillette Safety Razor.

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E. LAZENBY & SON, Ltd., 18, Trinity Street, London, S.E.

BUCHANAN'S "BLACK & WHITE"

THE WHISKY OF WORLD-WIDE REPUTE

CHESS.

R. J. L. New Brighton. The main theme is sufficient, although a problem deserves to have its other variations fully worked out.

STETIN (Plympton)—We quite agree with your judgment of No. 3309.

J. R. MATTEY (Highgate).—Editor of *Chess Amateur*, George Street, Second, will suffice.

BLACK KNIGHT (Bristol).—Your problems shall be examined, and we hope to find more than one that can be used.

G. BARKER (London).—Problem received, with thanks.

CORRECT SOLUTIONS OF PROBLEMS Nos. 3305 and 3307 received from G. BARKER (London), Francis Wells (Exeter) and Scrutinizer (Ammiata).

CORRECT SOLUTIONS OF PROBLEMS Nos. 3306 and 3308 received from E. J. WINTERWOOD, Stettin; S. DUNN (Leicester); G. BARKER (London), Nelly M. (Winchelsea); F. HENDERSON (Leeds); Scrutinizer, H. S. BRANDRETH (W. H.); M. A. HUNTER (Bath); Scrutinizer, A. S. BURGESS (London); J. D. TUCKER (L.); J. KENT (Hatfield); SHADFORD, Joseph; WILCOCK (Shrewsbury); J. H. T. (L.); DEBY, Albert; WOLF (Putney); G. STILLINGFLEET (Johnson); J. S. (L.); E. MAYER (St. Helens); R. WORTERS (Camberley); P. DALY (Brighton); T. ROBERTS, and C. WIDDOWCOMBE (Salisbury).

CHESS IN GERMANY.

Game played in the Caribbean Tournament between Messrs. MIESNER and NIEPZOWITZ.

(*Urgena Game*.)

WHITE (Mr. M.) BLACK (Mr. N.) WHITE (Mr. M.) BLACK (Mr. N.)
1. P to K 4th P to K 4th 1. P to B 5th P takes P
2. Kt to Q B 3rd Kt to K B 3rd 2. P to K 4th P to K 2nd
3. P to B 4th Kt to K 3rd 3. Kt to Q B 3rd P to Q B 3rd
4. P takes P K P takes P 4. B P takes P K P takes P
5. P takes P Kt to K 3rd 5. P takes P Kt to K 3rd
Kt to K 3rd is, we think, safe to move.
6. Q to K 5th Kt to K 3rd 6. Q to K 5th Kt to K 3rd
7. Kt to K 5th B takes P 7. Kt to K 5th B takes P
8. B to B 4th B to K 5th (ch) 8. B to B 4th B to K 5th (ch)
9. K to Q sq B to R 4th 9. K to Q sq B to R 4th
10. Kt to B 3rd B to K 3rd 10. Kt to B 3rd B to K 3rd
11. P to K 5th P to K 5th 11. P to K 5th P to K 5th
12. P to K 4th To prevent P to K 4th, so driving
Bishop from P to its present useful diagonal.
12. P to K 4th K to B sq 12. P to K 4th K to B sq
White resigns.

Another Game in the Tournament, between Messrs. JANOWSKI and TARIKOVSKY.

(*Sicilian Defense*.)

WHITE (Mr. J.) BLACK (Mr. T.)
1. P to K 4th P to Q B 4th 1. P to K 4th P takes P
2. Kt to K B 3rd Kt to K B 3rd 2. Kt to K 3rd P to B 3rd
3. Kt to K 3rd Kt to K 3rd 3. Q takes P K takes P
4. Kt to K 2nd P to Q 3rd 4. Kt to K 2nd P to Q 3rd
5. Castles B to K 3rd 5. Castles B to K 3rd
6. B takes K B to K 3rd 6. B takes K B to K 3rd
7. P takes P Q to K 5th (ch) 7. P takes P Q to K 5th (ch)
8. White resigns.

CHESS IN LONDON.

Game played in the British Chess Federation Tournament between Messrs. HOLMES and SHOOSmith.

WHITE (Mr. H.) BLACK (Mr. S.)
1. P to Q 4th P to Q 4th 1. P to K 2nd K Kt to K 2nd
2. P to Q B 4th P to K 3rd 2. Kt to K 3rd B to K 3rd
3. Kt to Q B 3rd P to Q B 3rd 3. Kt to Q B 3rd P to K 3rd
4. B P takes P K P takes P 4. B P takes P K P takes P
5. P takes P Kt to K 3rd 5. P takes P Kt to K 3rd
Kt to K 3rd is, we think, safe to move.
6. Q to K 5th Kt to K 3rd 6. Q to K 5th Kt to K 3rd
7. Kt to K 5th B takes P 7. Kt to K 5th B takes P
8. B to B 4th B to K 5th (ch) 8. B to B 4th B to K 5th (ch)
9. K to Q sq B to R 4th 9. K to Q sq B to R 4th
10. Kt to B 3rd B to K 3rd 10. Kt to B 3rd B to K 3rd
11. P to K 5th P to K 5th 11. P to K 5th P to K 5th
12. P to K 4th To prevent P to K 4th, so driving
Bishop from P to its present useful diagonal.
12. P to K 4th K to B sq 12. P to K 4th K to B sq
White resigns.

Black's game has not been a very happy one, and he finds himself hemmed in on every side.

13. P to K 5th R to Q Kt 5th 13. P to K 5th R to Q Kt 5th

14. Kt to K 5th B takes K 14. Kt to K 5th B takes K

15. R to Q B sq P to Q 3rd 15. R to Q B sq P to Q 3rd

16. Kt to Q 6th Q to Q 2nd 16. Kt to Q 6th Q to Q 2nd

17. Kt to B 4th Q to Q 1st 17. Kt to B 4th Q to Q 1st

18. P takes Kt K to B 5th 18. P takes Kt K to B 5th

19. K to B 6th Q to B sq 19. K to B 6th Q to B sq

20. R to Q B sq Resigns 20. R to Q B sq Resigns

Black's choice is curiously limited, and nothing can help him. Do what he will, the game is lost.

21. Kt to B 5th Q to B sq 21. Kt to B 5th Q to B sq

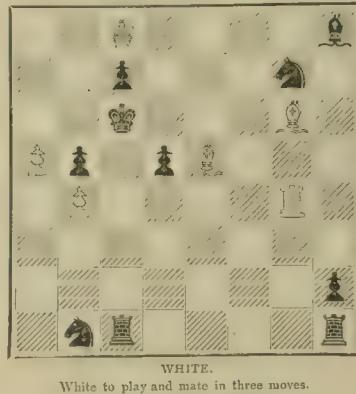
22. Q to K 6th Resigns 22. Q to K 6th Resigns

SOLUTION OF PROBLEM No. 3310.—By A. M. SPARKR.

WHITE BLACK
1. B to K 5th Any move
2. Q, or Kt mates accordingly.

PROBLEM NO. 3311.—By J. R. MATTEY.

BLACK.



Many will be glad to know that a great sale of art furniture and every equipment for the home is now being held at the big establishment of Messrs. Oettmann and Co., Ltd., 62-79, Hampstead Road, W. This enterprising company has purchased for cash the business of Messrs. Cleret and Co., Ltd., 146, 148, and 150, Wardour Street, W., at a discount averaging seventy per cent. off the cost of manufacture. The furniture is of elegant French and English style.

THE PLAYHOUSES.

"THE EDUCATION OF ELIZABETH" AT THE APOLLO.

THE new play of Mr. Roy Horniman's on which Mr. Tom B. Davis is relying at the Apollo, is one of those blends of domestic melodrama and comedy of which we have had two or three samples during the current season. Its merits are the command of humour it shows and its crisp, sparkling dialogue. Its faults arise mainly from its author's stagey handling of character and his inability to give an air of reality to his emotional scenes. The idea with which this actor-playwright starts his story of "The Education of Elizabeth" is ingenious if not exactly novel, but it is not developed in a fashion that makes for probability. We are to suppose that a young man of position, falling in love with a chorus-girl of eighteen, resolves to have her educated. She returns from abroad demure and considerably changed; and since interested parties are at hand ready to suggest that her benefactor will only keep his bargain of matrimony out of compassion there are all the possibilities of a sentimental misunderstanding. It needs but the intervention of a middle-aged roué of the conventional type, who persuades the girl to an elopement, of which she promptly repents, to render the complication theatrically complete. Mr. H. V. Esmond can do little with the roué's part. Miss Maud Millett makes a welcome reappearance in the character of an attractive lady who befriends the heroine. Mr. Lawrence Grossmith represents a brainless dandy in a manner which closely resembles that of his actor-brother. Mr. Marsh Alien is natural in the hero's rôle; and Miss Miriam Clements, though she suggests a girl of rather more than eighteen, proves a very charming if not always quite convincing Elizabeth.

"LA SORCIÈRE" AND SARAH BERNHARDT.

Welcome as must be Mme. Bernhardt's reappearance to all London admirers of her art, there must be many who could have wished she had opened her brief season at the Royalty in some less trumpery piece of drama, or rather pretence at drama, than M. Sardou's "Sorcière." For this is Sardou at his worst—a pseudo-medieval, sham-romantic tragedy of witchcraft, all artifice and glitter, gauzy draperies and lime-light poses, and long-drawn rhapsodies and worked-up frenzies. In a word, it is a play written round all the external features of Sarah Bernhardt's genius—her physical picturesqueness, her grace of movement, her glorious voice, her tricks of declamation, her vast range of mood; and those who are content to see the actress go through all her tricks, as it were, will be satisfied with "La Sorcière." Others who know that Mme. Bernhardt is something more than a machine capable of producing a variety of wonderful vocal effects, will be glad to note that later on she is to give us her Phèdre, and to offer a novelty in the shape of M. Hervieu's play, "Le Reveil."



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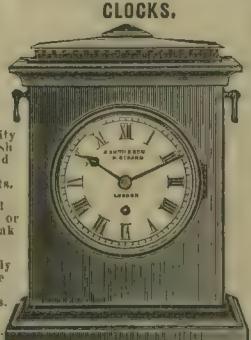
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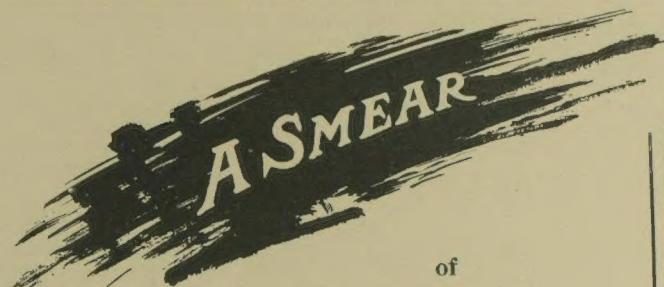
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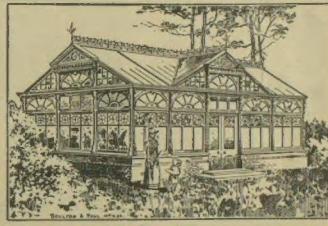
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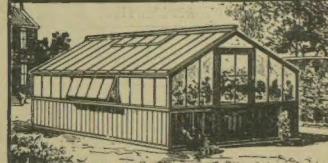
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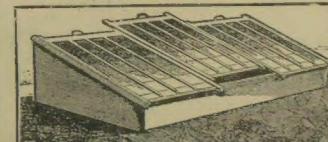


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THE ORIGIN OF POTTERY.

MR. ROBERT DE RUSTAFJAEELL, F.R.G.S., whose studies in the realms of Anthropology and Egyptology are of considerable interest, and who was the defendant in the interesting "Silver Casket case" the other day, has traced the origin of pottery to the flint implements of the Paleolithic period in Egypt. He shows in a series of plates how the hollow flint nodule was copied in limestone during the Paleolithic Age, and then in other stone, until the clay vessels of the pre-dynastic period made their appearance. Mr. de Rustafjæell has worked among the flint "factories" of the Paleolithic Age that may still be seen scattered over remote parts of Upper Egypt to-day, and he is convinced that the limestone vessels found there are the work of primitive man, prototypes of the vessels of the Neolithic period, and the first parents of pottery. It is very fortunate that the investigator was turned from his original purpose when he left London in January last to visit the Oasis of Siwa and examine the remains of the Temple of Jupiter Ammon. Owing to certain disturbances among the tribesmen in the neighbourhood of Siwa, this journey had to be postponed, and, rather than waste the season, M. de Rustafjæell decided to explore the desert of Upper Egypt, where he found the flint "factories" and, with the help of friendly Arabs, collected a large number of implements. The gradual development in the shape and uses of the flints and limestones is most interesting, and although every man of science understands that his theory will be disputed violently by his contemporaries, M. de

Rustafjæll can look forward with confidence to the result of the inevitable controversy.

Lady Lowe, who will be accompanied by Sir Francis Lowe, M.P., opens the "Olde Englyshe Faire" in aid of the Bolingbroke Hospital at the Battersea Town Hall on Friday, Oct. 25, at three o'clock.

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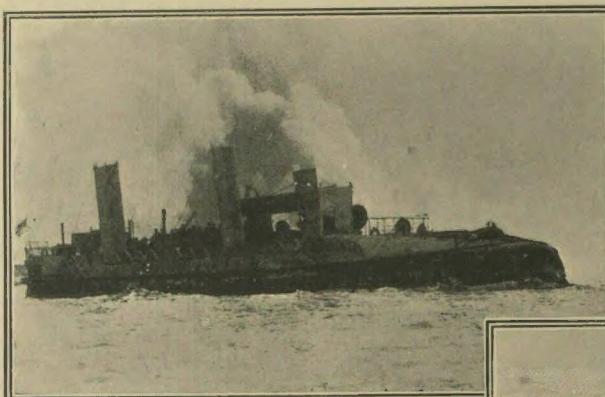


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OLD TORPEDO-BOATS, MASQUERADE AS DESTROYERS, FOR TARGETS.

This week the "Revenge," tender to the Gunnery School at Portsmouth, practised night-firing off Selsey. The targets were torpedo-boats rigged with wooden and canvas superstructures, so as to represent the latest type of destroyers. The boats were towed past the "Revenge" at various speeds.

produce the finest tobaccos of special merits to secure a reserve stock. Some of these stocks they have now decided to amalgamate, and the result is a unique blend known as "Ardath Special," very pleasant in the pipe.

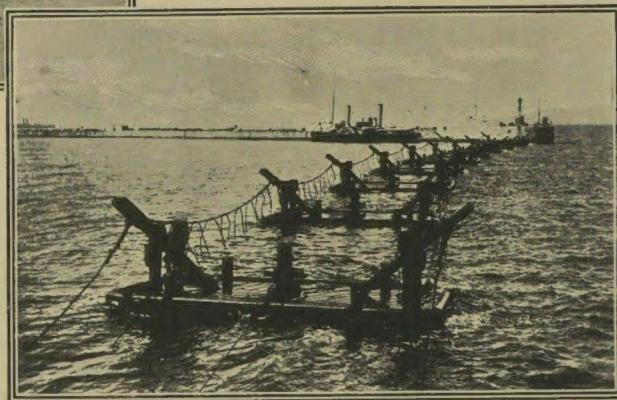


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ALTHOUGH Bahrein in the Persian Gulf is known chiefly to pearl-fishers as the most important of the Pearl Islands, it has a special interest of its own, because it holds a vast number of Mound Tombs in the desert of the interior. While the origin of these tombs is unknown, they are supposed by some authorities to represent the oldest piece of man's handiwork in the world. Some of the mounds are fifty feet high, others no more than twenty or thirty. Passing from Menah, in Bahrein, the road leads through date-groves to one of the open deserts that are encountered so often in this part of the world, and there the sepulchre stretches as far as the eye can reach. A recent visitor estimates the number of tombs at more than a hundred thousand. Some Egyptologists identify Bahrein with the land of Punt, and if they are correct the antiquity of its civilisation is hard to express in terms that convey a definite idea to us. Certain of the mound tombs have been opened by order of the Indian Government, and it has been found that each mound consists of two large chambers built of great blocks of stones. Fragments of metal, unglazed pottery, and bones of the *jerboa* have been found in the chambers. No marks of masons' tools or inscriptions can be seen. Many hold that the Persian Gulf was the earliest home of primitive civilisation, the place where the fish-god *Hea* or *Oannes* of the Babylonians was first worshipped. It is possible that the work of the scientists now engaged upon investigations of the mound tombs of Bahrein will throw some light upon periods long lost to history, but the Earth Mother is in no haste to yield her secrets.

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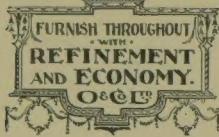
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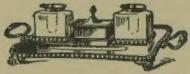
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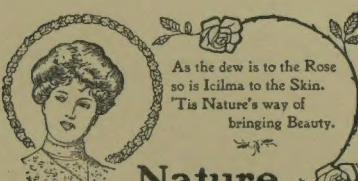
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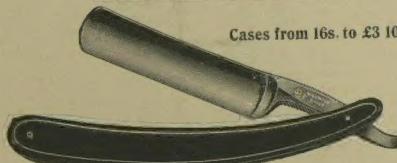
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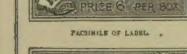
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WILLS AND BEQUESTS.

THE will (dated Sept. 6, 1904), with a codicil, of MR. HENRY CALCOFT BRUNNING, of the Stock Exchange, and the Norfolk Hotel, Brighton, who died on Sept. 21, was proved on Oct. 11 by Edwin Gamman and Henry Nathaniel Belchier, the value of the estate being £115,994. The testator bequeaths £200 per annum to his sister Grace; £200 per annum each to his sister Priscilla, and to such of her daughters as shall not have become Roman Catholics; £100 to Edwin Gamman, and £500 to H. N. Belchier. Subject thereto, the whole of the property is to be divided amongst the Royal Masonic Institutions for Aged Freemasons, for Boys, and for Girls, the Royal Alexandra Hospital for sick children, Brighton, the Sussex County Hospital, the Royal Asylum of St. Anne's Society's Schools, the Infant Orphan Asylum, the British Orphan Asylum, the Artists' Orphan Institution, the Orphan Working School, the London Orphan Asylum, the Artists' General Benevolent Fund, and the Stock Exchange Benevolent Fund.

The will (dated April 14, 1902) of MR. DAVID MACIVER, of Manor Hill, Cloughton, Chester, late M.P. for the Kirkdale Division of Liverpool, whose death took place on Sept. 1, has been proved by his wife Mrs. Edith Eleanor MacIver, the value of the property being £31,708. The testator gives certain lands and premises at Bromborough to his son Charles; and the residue of what he may die possessed of to his wife absolutely.

The will (dated Dec. 17, 1903) of MRS. ELIZABETH CLAPHAM, of Thurby, Woodford Bridge, Essex, who died on Aug. 30, was proved on Oct. 2 by Edith Kate Clapham, the daughter, Percival Alfred Clapham and Roderic Arthur Clapham, the sons, and William Barnard, the value of the estate being sworn at £155,543. Mrs. Clapham gives the lands and premises at Riverhall

and Faulkbourne to her son Percival Alfred; £100 to her sister, Priscilla Barnard; £100 to William Barnard; and the residue to her children.

The will (dated April 24, 1890) of MR. JAMES FIGGINS, of 39, Tavistock Square, and Ray Street, Farringdon Road, type-founder, who died on June 11, was proved on Oct. 5 by Mrs. Clara Figgins, the widow, the value of the property being £70,441. The testator gives £450 to his daughter, Florence Currie; £20,000 and all reversionary interest under the will of his father to the trustees of the marriage settlement of his daughter; £1000 to Henry Gordon Currie; and the residue of his property to his wife absolutely.

The will (dated March 2, 1904) of MR. JOHN BAYLEY LEES, of Oaklands, Church Lane, Handsworth, who died on Aug. 14, was proved on Oct. 5 by Mrs. Amelia Lees, the widow, John Lees, the son, and George Alexander MacDonald, the value of the property being £86,463. The testator gives £1000 to his wife; £500 to the Queen's Hospital, Birmingham; £10,000, in trust, for each of his daughters, Ethel, Edith May, and Hilda; and legacies to servants. A capital sum, producing £900 a year, is to be held in trust to pay the income thereof to Mrs. Lees while she remains his widow, or £100 a year should she again marry; and, subject thereto, for his four children. The residue of his property he leaves to his son.

The will (dated Aug. 24, 1898) of MR. JOSEPH BENJAMIN BRAIN, of The Mythe, Stoke Bishop, Bristol, who died on Aug. 15, has been proved by his sons Joseph Hugh Brain and William Henry Brain and the Rev. William Henry Beach, the value of the estate being £140,279. Subject to a legacy of £1000 to his wife, he leaves all his property in trust for her for life, and then he gives his residence and furniture to his

two daughters, and the ultimate residue in equal shares to his four children, Joseph Hugh, William Henry, Ellen Catherine, and Florence Marion.

The will (dated May 30, 1905) with a codicil, of MR. GEORGE COFFIN, of Eastfield, Festing Road, Southsea, builder, who died on Aug. 14, was proved on Oct. 4 by James Coffin, Charles John Coffin, and Ernest Edwin Ball, the gross value of the estate being £214,367. The testator gives £300, the household and domestic effects, a annuity of £312, and £125 per annum for each of his children between the ages of fourteen and twenty-five years, to his wife, and legacies to executors. The residue of his property is to accumulate for twenty-one years, or until the decease of Mrs. Coffin, and then divided amongst his children.

The following important wills have now been proved—

Mrs. Margaret Lester, Farfield Hall, Addington, York.	£47,807
Mr. David Davies, 1, Gray's Inn Place, Gray's Inn.	£47,625
Mr. John Mercer, 42, Queen's Gate, Blackpool.	£35,866
Mrs. Laura Hickley, 82, Elm Park Gardens, Chelsea.	£29,958
Mr. Theodore Herman Gaddum, of Manchester.	£27,386
Mr. Edward Harwood, Woodhouse, Olveston, Gloucester.	£80,410
Mr. Jonathan Denny, 76, East Hill, Wandsworth.	£71,142
Mr. John Gammon, Herne House, Petersfield.	£50,302
Mr. Joseph Iwi, 102, Sutherland Avenue, W.	£41,561
Mr. Charles Williams, F.R.C.S., 48, Prince of Wales Road, Norwich.	£34,353
Miss Kate Roe, 44, Mount Street, W.	£26,574
Mr. Frederick Stallard, Hope Woolith, Lewisham Hill, and 40, Chancery Lane.	£21,803

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The "STAR" Safety Razor possesses added advantages, but none of the disadvantages of "other" razors. Other razors are used a few times and discarded.

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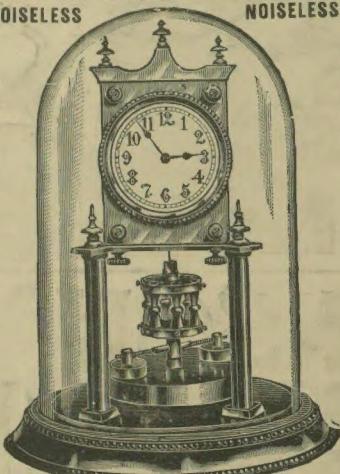
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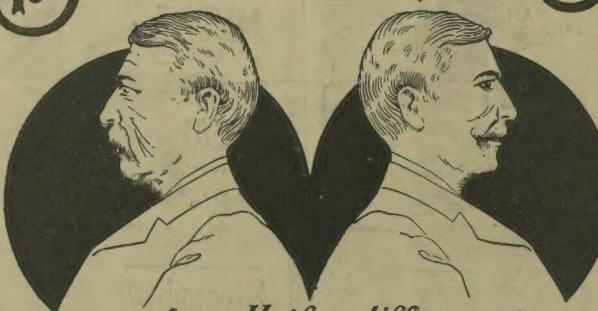
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Hinde's Wavers alter faces.

real hair savers.

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BEECHAM'S PILLS



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"My boy, since you began
To take my tip and Beecham's Pills

"You're quite another man!—

"You're getting back your health again—

"You've lost that worried air—

"I never saw you look so well—

"How splendidly you wear!

Reflecting, then, upon the cause,

It dawns upon our sense

That BEECHAM'S PILLS

May, too, for us

"MAKE ALL THE DIFFERENCE."